

REPORT DOCUMENTATION PAGE

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298-102



INTERIM RESPONSE ACTION

BASIN F LIQUID INCINERATION PROJECT

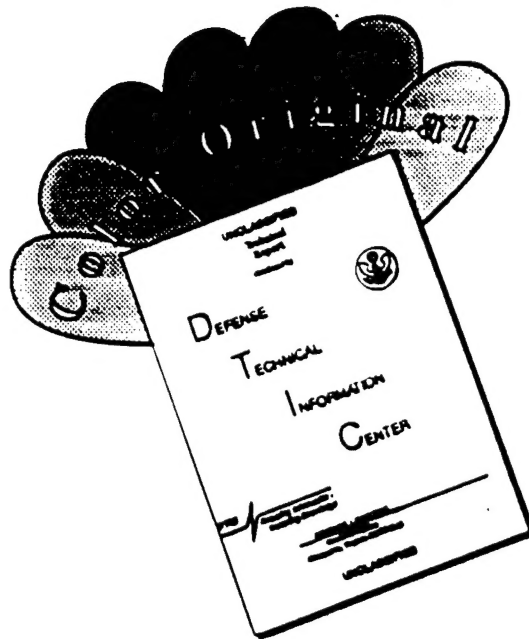
DRAFT FINAL

TRIAL BURN REPORT

VOLUME II

SEPTEMBER 1993

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**TRIAL BURN SUMMARY REPORT
FOR THE INTERIM RESPONSE ACTION
BASIN F SUBMERGED QUENCH INCINERATION PROJECT**

VOLUME II

Prepared by:

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DRAFT FINAL
September 1993

September, 1993

APPENDIX A

SQI TRIAL BURN REPORT

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Accession For	
NTIS GRA&I	<input checked="checked" type="checkbox"/>
DTIC TAB	<input type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification	
By	
Distribution/	
Availability Codes	
Dist	Avail and/or Special
A-1	

**SQI OPERATIONS
DAILY REGULATORY PARAMETER
SUMMARY REPORT**

June 10, 1993

<u>Tag Number</u>	<u>Description</u>	<u>Regulatory Trip Point</u>	<u>Operating Range</u>
FIT04A	Liquid waste feed rate (lbs/min)	<u>>190</u>	<u>0-190</u>
TIYRT	Residence time (sec)	<u><2</u>	<u>* >2</u>
TY34	Combustion chamber temp. (°F)	<u><1700</u>	<u>*1700-2000</u>
AIT30	Scrubber exhaust oxygen (%)	<u><3</u>	<u>** >3</u>
AIT64	Quench tank pH	<u><4</u>	<u>* 5-9</u>
AIT56	Scrubber pH	<u><4.9</u>	<u>* 5-9</u>
FIT60	Venturi recycle flow rate (gpm)	<u><100</u>	<u>*100-240</u>
PDIT53	Venturi differential pressure (inches water)	<u><70</u>	<u>* 70-100</u>
LGRATIO	Venturi L/G ratio (gal/MCF)	<u><9.3</u>	<u>* >9.3</u>
FIT65	Packed tower flow rate (gpm)	<u><270</u>	<u>*290-330</u>
AIY31	CO over one hour rolling average (ppm)	<u>>100</u>	<u>**0-100</u>
AIT31	Carbon dioxide (CO ₂), (%)	<u>-NA-</u>	<u>0-15</u>
AIT68	Total hydrocarbons (THC), (ppm)	<u>-NA-</u>	<u>0-10</u>
AIT69	Nitrous oxides (NO _x), (ppm)	<u>-NA-</u>	<u>0-500</u>
AIT71	Sulfur dioxide (SO ₂), (ppm)	<u>-NA-</u>	<u>0-500</u>
AIT72	Hydrochloric acid (HCl), (ppm)	<u>-NA-</u>	<u>0-100</u>

SEE NOTES ON NEXT PAGE

NOTES: Values for the operating range were taken from Table 4-3 of the Trial Burn Plan.

Values for the regulatory trip points were taken from Table 3-8 of the O & M Manual.

Final values for the regulatory limits will be determined after Trial Burn.

- * The operating ranges for regulatory items marked with an asterisk (*) do not apply if waste feed is not in progress.
- ** The operating ranges for regulatory items marked with a double asterisk (**) do not apply if the burner is not operating.

The readings are based on 360 individual data points which are read by the PMCS over a one hour period.

The minimum reading is the data point with the lowest value which was read during the one hour period.

The maximum reading is the data point with the highest value which was read during the one hour period.

The average reading is the average of the 360 individual data points which were read during the one hour period.

Readings labelled "valid" are defined as those readings in which at least 50% or 180 of the 360 data points read during the hour were actual readings and not readings such as 999999.9 which are generated during offline periods.

Readings labelled "invalid" are defined as those readings in which at least 50% or 180 of the 360 data points read during the hour were readings such as 999999.9 which were generated during offline periods.

B 6-11-93
OK

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: TOTAL AQUEOUS WASTE FEED RATE (LBS/MIN)
TAG NUMBER : FIT-04A

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	0	91	71
02:00:01	0	92	49
03:00:01	62	154	83
04:00:01	79	131	105
05:00:01	130	170	150
06:00:01	170	179	175
07:00:01	134	178	165
08:00:01	142	181	168 - TEST START 07:45
09:00:01	172	180	176
10:00:00	169	179	174
11:00:01	169	185	173
12:00:01	163	174	168
13:00:01	61	170	121 - TEST STOP 12:15



DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: TOTAL AQUEOUS WASTE FEED RATE (LBS/MIN)
TAG NUMBER : FIT-04A

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
14:00:01	137	170	159 - TEST START 13:59
15:00:01	160	180	169
16:00:01	163	176	170 - TEST STOP 15:52
17:00:01	130	174	145
18:00:01	124	134	128
19:00:00	124	130	127
20:00:01	123	130	126
21:00:01	0	130	78
22:00:01	95	129	113
23:00:01	100	131	121
00:00:44	0	128	76

7pts

AVG = 171.1 lb/min

REPORT PRODUCED AT 00:00:44 ON Fri 06-11-1993

8hrs, 7min = 487 min

B 6-11-93
OK

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: PRIMARY COMBUSTION CHAMBER RETENTION TIME (SECONDS)
TAG NUMBER : TIY-RT

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	4.10	5.70	4.41
02:00:01	2.70	5.70	4.72
03:00:01	3.50	5.50	4.26
04:00:01	3.30	4.30	3.94
05:00:01	2.80	3.30	3.04
06:00:01	2.70	2.80	2.78
07:00:01	2.70	3.70	2.91
08:00:01	2.60	3.60	2.83
09:00:01	2.60	2.80	2.69
10:00:00	2.70	2.80	2.75
11:00:01	2.70	2.90	2.80
12:00:01	2.90	3.00	2.91
13:00:01	2.70	4.40	3.52

TEST 0745 - 1215

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: PRIMARY COMBUSTION CHAMBER RETENTION TIME (SECONDS)
TAG NUMBER : TIY-RT

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
14:00:01	2.80	3.30	3.01
15:00:01	2.70	3.00	2.87
16:00:01	2.70	3.00	2.85
17:00:01	2.80	3.70	3.39
18:00:01	3.50	3.90	3.71
19:00:00	3.70	3.90	3.80
20:00:01	3.70	3.90	3.80
21:00:01	2.70	5.90	4.49
22:00:01	3.70	4.20	3.96
23:00:01	3.80	4.10	3.85
00:00:38	2.70	5.90	4.50

TEST 1359 - 1552

7pts.

AVG. = 2.81sec

REPORT PRODUCED AT 00:00:38 ON Fri 06-11-1993

B 6-11-93

OK

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: AVERAGE COMBUSTION CHAMBER TEMPERATURE (DEG F)
TAG NUMBER : TY-34

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	1833	1872	1854
02:00:01	1819	1901	1852
03:00:01	1827	1880	1854
04:00:01	1841	1858	1852
05:00:01	1849	1858	1852
06:00:01	1850	1855	1853
07:00:01	1826	1884	1855
08:00:01	1834	1856	1850
09:00:01	1847	1856	1853
10:00:00	1841	1851	1846
11:00:01	1836	1847	1841
12:00:01	1826	1835	1830
13:00:01	1826	1910	1865

TEST 0745-1215

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: AVERAGE COMBUSTION CHAMBER TEMPERATURE (DEG F)
TAG NUMBER : TY-34

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
14:00:01	0 *	1858	1827
15:00:01	1804	1849	1835
16:00:01	1828	1846	1839
17:00:01	1835	1856	1842
18:00:01	1833	1845	1840
19:00:00	1831	1846	1840
20:00:01	1837	1844	1840
21:00:01	1764	1907	1840
22:00:01	1799	1867	1840
23:00:01	1830	1846	1839
00:00:43	1764	1890	1840

TEST 1359-1552

7pts.
Avg. Temp. = 1842°F

REPORT PRODUCED AT 00:00:43 ON Fri 06-11-1993

* LOW READING DUE TO SYSTEM REBOOT

low = 1804°F
high = 1856°F

B 6-11-93

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: CEM OXYGEN (%)

TAG NUMBER : AIT-30

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
01:00:01	3.3	12.2	6.8	0	Valid
02:00:01	2.7 (1)	12.3	8.6	0	Valid
03:00:01	3.9	8.4	6.5	0	Valid
04:00:01	3.4	7.0	5.4	0	Valid
05:00:01	3.4	4.8	4.1	0	Valid
06:00:01	2.9 (2)	3.9	3.4	0	Valid
07:00:01	3.0	4.6	3.3	0	Valid
08:00:01	3.0	4.0	3.5	0	Valid
09:00:01	3.0	3.9	3.4	0	Valid
10:00:00	3.1	3.7	3.3	0	Valid
11:00:01	3.0	3.8	3.3	0	Valid
12:00:01	3.0	3.7	3.3	0	Valid
13:00:01	2.4 (3)	7.6	4.1	0	Valid

TEST 0745-1215

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: CEM OXYGEN (%) (1) Low O₂ @ 01:55:57 hrs - Duration < 3 min
 TAG NUMBER : AIT-30 (2) " " 05:43:33 " " < 3 min
 (3) " " 05:45:03 " " < 3 min
 (3) " " 12:01:57 " " < 3 min

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
14:00:01	2.4 (4)	5.1	3.5	0	Valid
15:00:01	3.0	3.9	3.4	0	Valid
16:00:01	3.1	3.9	3.4	0	Valid
17:00:01	3.1	4.0	3.5	0	Valid
18:00:01	3.1	3.9	3.4	0	Valid
19:00:00	3.1	4.3	3.5	0	Valid
20:00:01	3.2	9.8	4.3	0	Valid
21:00:01	4.6	17.9	13.2	0	Valid
22:00:01	16.6	17.6	17.1	0	Valid
23:00:01	17.5	18.1	17.8	0	Valid
00:00:03	17.9	20.8	18.9	0	Valid

TEST 1339-1552

REPORT PRODUCED AT 00:00:03 ON Fri 06-11-1993

(3) cont. - Low O₂ @ 12:54:15 hrs - Duration < 3 min
 (4) Low O₂ @ 13:28:51 hrs - Duration < 3 min
 " " 13:41:18 " " < 3 min
 " " 13:45:54 " " < 3 min

7pts. Avg = 3.37%

B 6-11-93
OK

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: QUENCH pH
TAG NUMBER : AIT-64

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	5.5	6.4	6.0
02:00:01	5.9	6.3	6.1
03:00:01	5.6	6.2	5.9
04:00:01	6.0	6.4	6.3
05:00:01	5.2	6.0	5.6
06:00:01	5.2	5.9	5.6
07:00:01	5.2	5.7	5.4
08:00:01	5.3	5.7	5.5
09:00:01	5.4	5.7	5.6
10:00:00	5.6	5.8	5.7
11:00:01	5.6	5.8	5.7
12:00:01	5.6	5.8	5.7
13:00:01	5.6	5.9	5.7

TEST 0745-1215

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: QUENCH pH
TAG NUMBER : AIT-64

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
14:00:01	5.5	5.7	5.6
15:00:01	5.4	5.7	5.5
16:00:01	5.4	5.8	5.5
17:00:01	5.5	5.9	5.7
18:00:01	5.6	5.9	5.8
19:00:00	5.5	5.7	5.6
20:00:01	5.7	5.9	5.9
21:00:01	5.5	5.8	5.6
22:00:01	5.5	5.8	5.6
23:00:01	5.8	5.9	5.9
00:00:47	5.6	5.8	5.7

TEST 1359-1552

7 pts

REPORT PRODUCED AT 00:00:47 ON Fri 06-11-1993

AVG. = 5.6 pH

B 6-11-93

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: SCRUBBER RECYCLE pH
TAG NUMBER : AIT-56

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	5.9	6.7	6.4
02:00:01	6.0	6.5	6.3
03:00:01	5.8	6.7	6.3
04:00:01	5.9	6.5	6.3
05:00:01	5.5	7.0	6.4
06:00:01	4.9	6.5	5.8
07:00:01	5.3	6.5	6.0
08:00:01	5.2	6.8	6.0
09:00:01	5.7	6.4	6.0
10:00:00	5.5	6.3	5.9
11:00:01	5.4	6.5	6.0
12:00:01	5.4	6.5	6.0
13:00:01	5.4	6.6	6.0

TEST 07 45-1215

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: SCRUBBER RECYCLE pH
TAG NUMBER : AIT-56

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
14:00:01	5.0	6.7	5.9
15:00:01	5.3	6.5	6.1
16:00:01	5.8	6.1	5.9
17:00:01	5.8	6.2	6.0
18:00:01	5.4	6.5	6.0
19:00:00	5.0	6.8	6.0
20:00:01	5.6	6.1	5.9
21:00:01	4.8	6.8	6.0 - FEED TRIP
22:00:01	5.5	6.3	6.0
23:00:01	5.7	6.1	6.0
00:00:46	4.9	6.8	6.0 - FEED TRIP

TEST 1359-1552

7pts.

REPORT PRODUCED AT 00:00:46 ON Fri 06-11-1993

AVG. = 6.0

B 6-11-93

OK

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: VENTURI RECYCLE FLOW (GPM)
TAG NUMBER : FIT-60

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	138	151	146
02:00:01	140	151	146
03:00:01	140	151	146
04:00:01	141	151	146
05:00:01	141	149	146
06:00:01	141	150	145
07:00:01	131	150	142
08:00:01	130	146	138
09:00:01	124	139	130
10:00:00	126	136	131
11:00:01	125	136	130
12:00:01	126	137	131
13:00:01	114	130	121

TEST 6945-1215

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: VENTURI RECYCLE FLOW (GPM)
TAG NUMBER : FIT-60

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
14:00:01	114	127	120
15:00:01	114	127	121
16:00:01	114	127	121
17:00:01	115	127	121
18:00:01	115	126	121
19:00:00	115	126	120
20:00:01	114	127	120
21:00:01	115	127	121
22:00:01	115	127	121
23:00:01	119	123	121
00:00:56	114	127	121

TEST 1359-1552

7 pts.

AVG. = 128.9 gpm

REPORT PRODUCED AT 00:00:56 ON Fri 06-11-1993

B 6-11-93
OK

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: VENTURI DIFFERENTIAL PRESSURE (INWC)
TAG NUMBER : PDIT-53

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	88.5	92.3	90.1
02:00:01	88.2	92.4	90.0
03:00:01	88.0	91.9	90.0
04:00:01	88.2	91.6	90.1
05:00:01	88.7	91.1	90.2
06:00:01	89.2	91.2	90.1
07:00:01	89.0	91.6	90.0
08:00:01	89.0	91.6	90.1
09:00:01	89.0	92.1	89.9
10:00:00	88.9	91.3	90.0
11:00:01	89.0	91.3	90.1
12:00:01	88.4	91.2	90.0
13:00:01	87.2	93.7	90.0

TEST 0745-1215

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: VENTURI DIFFERENTIAL PRESSURE (INWC)
TAG NUMBER : PDIT-53

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
14:00:01	88.1	91.1	89.8
15:00:01	88.4	91.8	90.0
16:00:01	88.2	91.3	90.0
17:00:01	88.1	92.3	90.0
18:00:01	88.5	92.0	90.2
19:00:00	88.5	91.7	90.1
20:00:01	88.1	91.6	90.1
21:00:01	87.9	92.7	90.0
22:00:01	87.7	92.1	89.9
23:00:01	88.4	91.9	90.0
00:00:45	88.0	91.2	89.8

1359-1552

7pts.
Avg. = 90"

REPORT PRODUCED AT 00:00:45 ON Fri 06-11-1993

B 6-11-93

OK

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: LIQUID / GAS RATIO (GAL/MCF)
TAG NUMBER : LG_RATIO

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	19.0	27.7	21.0
02:00:01	19.1	27.9	22.7
03:00:01	17.0	21.6	20.2
04:00:01	15.6	21.2	18.7
05:00:01	13.0	16.0	14.4
06:00:01	12.6	13.6	13.1
07:00:01	11.8	16.9	13.4
08:00:01	11.2	15.4	12.6
09:00:01	10.3	12.0	11.3
10:00:00	11.1	12.2	11.6
11:00:01	11.1	12.3	11.7
12:00:01	11.7	12.5	12.2
13:00:01	10.7	17.7	13.9

TEST 0745 - 1215

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: LIQUID / GAS RATIO (GAL/MCF)
TAG NUMBER : LG_RATIO

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
14:00:01	10.7	12.6	11.6
15:00:01	10.2	11.9	11.1
16:00:01	10.3	11.8	11.0
17:00:01	10.9	15.3	13.2
18:00:01	13.5	15.5	14.5
19:00:00	14.1	15.6	14.9
20:00:01	14.0	15.7	14.9
21:00:01	14.5	23.5	17.7
22:00:01	14.0	17.1	15.5
23:00:01	14.6	16.3	15.0
00:00:58	14.0	24.2	17.7

TEST 1359 - 1552

7 pts.

AVG. = 11.6 gal/kcf

REPORT PRODUCED AT 00:00:58 ON Fri 06-11-1993

B 6-11-93
OK

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: SCRUBBER SPRAY FLOW (GPM)
TAG NUMBER : FIT-65

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	292	308	300
02:00:01	292	307	299
03:00:01	292	308	299
04:00:01	293	308	300
05:00:01	292	307	300
06:00:01	292	306	300
07:00:01	290	307	299
08:00:01	289	307	298
09:00:01	290	302	296
10:00:00	290	300	296
11:00:01	291	301	295
12:00:01	289	302	295
13:00:01	289	303	296

TEST 0745-1215

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: SCRUBBER SPRAY FLOW (GPM)
TAG NUMBER : FIT-65

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
14:00:01	293	299	296
15:00:01	289	302	296
16:00:01	285	298	293
17:00:01	285	297	291
18:00:01	284	296	290
19:00:00	286	297	291
20:00:01	283	298	290
21:00:01	284	296	291
22:00:01	277	299	289
23:00:01	277	293	285
00:00:55	279	290	285

TEST 1359-1552

7pts.

AVG. = 295.6 gpm

REPORT PRODUCED AT 00:00:55 ON Fri 06-11-1993

TB 6-11-93

OK

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: CARBON MONOXIDE 60 MINUTE ROLLING AVERAGE (PPM)
TAG NUMBER : AIY-31

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	3.70	5.50	3.97
02:00:01	3.80	5.50	4.74
03:00:01	3.80	5.00	4.62
04:00:01	3.20	4.40	3.53
05:00:01	4.40	18.50	9.59
06:00:01	19.00	53.90	38.31
07:00:01	54.40	60.60	56.33
08:00:01	35.00	59.80	47.81
09:00:01	34.80	41.10	38.54
10:00:00	41.30	50.20	46.21
11:00:01	46.40	51.90	49.93
12:00:01	39.60	46.30	42.48
13:00:01	13.20	46.60	33.33

TEST 0745-1215

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: CARBON MONOXIDE 60 MINUTE ROLLING AVERAGE (PPM)
TAG NUMBER : AIY-31

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
14:00:01	28.70	51.60	38.55
15:00:01	53.20	73.00	67.47
16:00:01	43.60	63.00	53.86
17:00:01	20.40	66.30	47.84
18:00:01	7.60	19.60	9.75
19:00:00	8.00	10.20	9.33
20:00:01	10.10	10.80	10.44
21:00:01	10.40	19.60	14.36
22:00:01	19.90	46.30	33.05
23:00:01	35.00	47.10	40.81
00:00:49	37.20	93.00	44.77

TEST 1359-1552

7 pts.

AVG = 49.5ppm

REPORT PRODUCED AT 00:00:49 ON Fri 06-11-1993

IB 6-11-93
OK

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: CEM CARBON DIOXIDE (%)
TAG NUMBER : AIT-31

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
01:00:01	5.0	10.8	7.9	0	Valid
02:00:01	5.0	10.6	7.2	0	Valid
03:00:01	7.2	10.0	8.4	0	Valid
04:00:01	7.1	10.4	8.9	0	Valid
05:00:01	9.3	10.5	9.9	0	Valid
06:00:01	9.9	10.7	10.4	0	Valid
07:00:01	9.6	10.7	10.4	0	Valid
08:00:01	8.5	10.6	9.8	0	Valid
09:00:01	8.8	10.9	10.1	0	Valid
10:00:00	9.1	10.9	10.2	0	Valid
11:00:01	9.0	11.0	10.0	0	Valid
12:00:01	8.7	10.9	9.9	0	Valid
13:00:01	8.0	11.1	9.8	0	Valid

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: CEM CARBON DIOXIDE (%)
TAG NUMBER : AIT-31

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
14:00:01	9.4	11.5	10.3	0	Valid
15:00:01	9.6	11.0	10.5	0	Valid
16:00:01	10.2	10.7	10.5	0	Valid
17:00:01	10.0	10.8	10.4	0	Valid
18:00:01	9.6	10.6	10.2	0	Valid
19:00:00	8.1	10.4	9.5	0	Valid
20:00:01	6.4	10.2	9.2	0	Valid
21:00:01	1.4	8.0	4.0	0	Valid
22:00:01	1.4	2.3	2.0	0	Valid
23:00:01	1.2	1.7	1.5	0	Valid
00:01:00	0.1	1.5	0.9	0	Valid

REPORT PRODUCED AT 00:01:00 ON Fri 06-11-1993

7pts.

AVG. = 10.14%

6-11-93
OK

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: CEM TOTAL HYDROCARBONS (PPM)
TAG NUMBER : AIT-68

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
01:00:01	0.9	10.0	3.7	0	Valid
02:00:01	3.4	5.6	3.9	0	Valid
03:00:01	0.5	6.6	4.2	0	Valid
04:00:01	1.9	6.4	4.5	0	Valid
05:00:01	0.0	6.3	3.2	0	Valid
06:00:01	1.1	7.4	4.3	0	Valid
07:00:01	3.6	6.0	4.5	0	Valid
08:00:01	0.0	5.2	3.8	0	Valid
09:00:01	3.3	9.5	4.7	0	Valid
10:00:00	4.2	6.1	4.9	0	Valid
11:00:01	4.2	8.0	5.5	0	Valid
12:00:01	4.5	7.5	5.3	0	Valid
13:00:01	5.2	7.8	5.9	0	Valid

TEST
0745-1215

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: CEM TOTAL HYDROCARBONS (PPM)
TAG NUMBER : AIT-68

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
14:00:01	3.4	8.0	6.3	0	Valid
15:00:01	6.1	8.0	6.8	0	Valid
16:00:01	6.9	9.2	7.7	0	Valid
17:00:01	6.3	10.0	7.5	0	Valid
18:00:01	0.0	8.6	3.6	0	Valid
19:00:00	0.0	5.4	2.0	0	Valid
20:00:01	1.6	6.2	3.4	0	Valid
21:00:01	2.3	10.0	3.2	0	Valid
22:00:01	0.0	10.0	1.5	0	Valid
23:00:01	0.0	2.5	0.7	0	Valid
00:01:03	0.4	10.0	1.5	0	Valid

TEST
1359-1552

REPORT PRODUCED AT 00:01:03 ON Fri 06-11-1993

7pts

AVG. = 5.53 ppm

B 6-11-93
OK

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: CEM NITROUS OXIDES (PPM)
TAG NUMBER : AIT-69

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
01:00:01	41.00	212.00	181.10	0	Valid
02:00:01	74.00	215.00	132.77	0	Valid
03:00:01	137.00	224.00	183.70	0	Valid
04:00:01	177.00	204.00	190.21	0	Valid
05:00:01	118.00	202.00	171.39	0	Valid
06:00:01	83.00	138.00	109.72	0	Valid
07:00:01	81.00	170.00	108.59	0	Valid
08:00:01	90.00	162.00	132.66	0	Valid
09:00:01	99.00	153.00	125.18	0	Valid
10:00:00	94.00	140.00	115.88	0	Valid
11:00:01	93.00	155.00	119.02	0	Valid
12:00:01	93.00	156.00	122.76	0	Valid
13:00:01	86.00	226.00	167.78	0	Valid

TEST
0745-1215

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: CEM NITROUS OXIDES (PPM)
TAG NUMBER : AIT-69

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
14:00:01	42.00	200.00	124.36	0	Valid
15:00:01	58.00	156.00	109.80	0	Valid
16:00:01	75.00	148.00	109.06	0	Valid
17:00:01	82.00	170.00	140.55	0	Valid
18:00:01	119.00	193.00	170.78	0	Valid
19:00:00	147.00	192.00	173.95	0	Valid
20:00:01	105.00	188.00	163.59	0	Valid
21:00:01	11.00	169.00	75.85	0	Valid
22:00:01	0.00	32.00	17.04	0	Valid
23:00:01	3.00	23.00	16.96	0	Valid
00:01:04	0.00	25.00	10.90	0	Valid

TEST
1359-1552

REPORT PRODUCED AT 00:01:04 ON Fri 06-11-1993

7pts.
Avg. = 119.2 ppm

B 6-11-93

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: CEM SULFER DIOXIDE (PPM)
TAG NUMBER : AIT-71

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
01:00:01	2.4	22.4	11.6	0	Valid
02:00:01	2.4	8.7	5.1	0	Valid
03:00:01	1.4	7.3	3.6	0	Valid
04:00:01	0.4	5.3	2.9	0	Valid
05:00:01	0.4	54.6	11.2	0	Valid
06:00:01	4.8	503.4	121.6	0	Valid
07:00:01	5.3	402.8	88.2	0	Valid
08:00:01	0.4	61.5	8.0	0	Valid
09:00:01	0.0	35.1	6.4	0	Valid
10:00:00	0.0	2.9	1.4	0	Valid
11:00:01	0.0	1.9	0.8	0	Valid
12:00:01	0.0	1.4	0.4	0	Valid
13:00:01	0.0	1.4	0.3	0	Valid

TEST
0745-1552

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: CEM SULFER DIOXIDE (PPM)
TAG NUMBER : AIT-71

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
14:00:01	0.0	503.4	130.0	0	Valid
15:00:01	0.4	503.4	100.0	0	Valid
16:00:01	0.0	164.0	27.8	0	Valid
17:00:01	0.0	0.0	0.0	0	Valid
18:00:01	0.0	2.4	0.9	0	Valid
19:00:00	0.9	501.9	31.6	0	Valid
20:00:01	7.3	12.6	9.6	0	Valid
21:00:01	5.8	61.0	8.2	0	Valid
22:00:01	4.8	7.8	6.4	0	Valid
23:00:01	5.3	9.2	7.3	0	Valid
00:00:59	6.8	20.0	9.3	0	Valid

1359-1552

TEST

REPORT PRODUCED AT 00:00:59 ON Fri 06-11-1993

7pts

AVG. = 20.7 ppm

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: CEM HYDROCHLORIC ACID (PPM)
TAG NUMBER : AIT-72

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
01:00:01	0.0	3.5	1.1	0	Valid
02:00:01	0.0	2.8	0.6	0	Valid
03:00:01	0.0	3.3	0.9	0	Valid
04:00:01	0.0	2.4	0.9	0	Valid
05:00:01	0.0	4.4	1.2	0	Valid
06:00:01	0.0	3.8	1.2	0	Valid
07:00:01	0.0	3.0	0.9	0	Valid
08:00:01	0.0	3.4	0.9	0	Valid
09:00:01	0.0	3.2	0.9	0	Valid
10:00:00	0.0	3.4	1.2	0	Valid
11:00:01	0.0	4.9	1.5	0	Valid
12:00:01	0.0	3.8	1.4	0	Valid
13:00:01	0.0	3.9	1.9	0	Valid

Handwritten notes: 6-11-93, OK, 72, TEST 0745-1215

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: CEM HYDROCHLORIC ACID (PPM)
TAG NUMBER : AIT-72

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
14:00:01	1.1	4.4	2.8	0	Valid
15:00:01	0.9	5.2	2.9	0	Valid
16:00:01	0.7	5.5	3.4	0	Valid
17:00:01	1.6	5.8	3.6	0	Valid
18:00:01	0.0	9.7	3.5	0	Valid
19:00:00	0.5	15.6	4.7	0	Valid
20:00:01	0.0	4.1	1.7	0	Valid
21:00:01	0.0	3.5	1.0	0	Valid
22:00:01	0.0	2.4	0.2	0	Valid
23:00:01	0.2	1.3	1.0	0	Valid
00:01:04	0.0	1.3	0.6	0	Valid

Handwritten notes: 1359-1552, TEST

REPORT PRODUCED AT 00:01:04 ON Fri 06-11-1993

7pts
AVG. = 1.74ppm

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: INCINERATOR GAS FLOW (SCFM)
TAG NUMBER : FIT-09

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	243	310	288
02:00:01	245	373	288
03:00:01	254	356	291
04:00:01	274	363	300
05:00:01	352	447	401
06:00:01	430	457	446
07:00:01	299	513	433
08:00:01	343	493	450
09:00:01	439	485	466
10:00:00	429	462	446
11:00:01	394	453	436
12:00:01	374	416	399
13:00:01	244	502	367

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: INCINERATOR GAS FLOW (SCFM)
TAG NUMBER : FIT-09

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
14:00:01	326	493	409
15:00:01	380	461	419
16:00:01	380	453	415
17:00:01	283	424	332
18:00:01	280	336	302
19:00:00	275	300	290
20:00:01	278	297	288
21:00:01	201	412	277
22:00:01	253	403	317
23:00:01	246	302	287
00:00:57	204	388	275

REPORT PRODUCED AT 00:00:57 ON Fri 06-11-1993

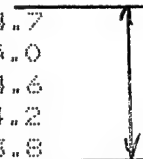
7pts.
AVG. = 433 scfm

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: SCRUBBER PACKING DIFFERENTIAL PRESSURE (INWC)
TAG NUMBER : PDIT-66B

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	2.1	3.2	2.8
02:00:01	2.1	2.8	2.4
03:00:01	2.2	2.8	2.5
04:00:01	2.4	3.8	2.7
05:00:01	3.8	5.9	5.0
06:00:01	5.2	6.0	5.7
07:00:01	2.6	5.8	5.1
08:00:01	2.8	5.6	4.7
09:00:01	4.5	5.4	5.0
10:00:00	4.3	4.9	4.6
11:00:01	3.7	4.5	4.2
12:00:01	3.4	4.1	3.8
13:00:01	1.5	4.6	2.7



DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: SCRUBBER PACKING DIFFERENTIAL PRESSURE (INWC)
TAG NUMBER : PDIT-66B

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
14:00:01	2.8	4.6	3.7
15:00:01	3.5	5.0	4.2
16:00:01	4.2	4.9	4.6
17:00:01	2.2	4.8	3.0
18:00:01	2.0	2.8	2.4
19:00:00	2.0	3.1	2.4
20:00:01	2.5	3.2	2.8
21:00:01	1.8	3.9	2.8
22:00:01	2.3	3.3	2.8
23:00:01	2.6	3.3	3.0
00:00:48	1.2	3.6	2.6



REPORT PRODUCED AT 00:00:48 ON Fri 06-11-1993

7 pts.
Avg. = 4.44 in wc

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: TOTAL COMBUSTION AIR FLOW (SCFM)
TAG NUMBER : AIY-CE (FIT-16 + FIT-30)

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	4725	4901	4801
02:00:01	4704	4915	4803
03:00:01	4698	4922	4805
04:00:01	4727	5701	4871
05:00:01	5619	6614	6147
06:00:01	6376	6710	6578
07:00:01	4862	6789	6357
08:00:01	4887	7132	6567
09:00:01	6654	7132	6890
10:00:00	6569	6797	6698
11:00:01	6282	6733	6616
12:00:01	6112	6420	6286
13:00:01	4398	7109	5547

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: TOTAL COMBUSTION AIR FLOW (SCFM)
TAG NUMBER : AIY-CE (FIT-16 + FIT-30)

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
14:00:01	5529	6890	6249
15:00:01	6132	6962	6496
16:00:01	6240	6873	6523
17:00:01	4847	6662	5438
18:00:01	4592	5409	4958
19:00:00	4591	4922	4804
20:00:01	4725	4876	4804
21:00:01	4663	4980	4803
22:00:01	4688	4945	4802
23:00:01	4732	4880	4805
00:00:41	4693	5167	4804

REPORT PRODUCED AT 00:00:41 ON Fri 06-11-1993

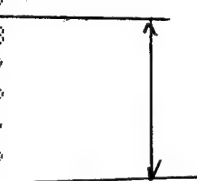
7pts.
AVG. = 6582 scfm

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: QUENCH DENSITY (SGU)
TAG NUMBER : AIT-59

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	1.17	1.18	1.18
02:00:01	1.18	1.18	1.18
03:00:01	1.18	1.20	1.19
04:00:01	1.20	1.20	1.20
05:00:01	1.20	1.20	1.20
06:00:01	1.19	1.20	1.19
07:00:01	1.18	1.19	1.19
08:00:01	1.18	1.19	1.18
09:00:01	1.19	1.20	1.19
10:00:00	1.19	1.20	1.19
11:00:01	1.18	1.19	1.19
12:00:01	1.18	1.19	1.19
13:00:01	1.18	1.19	1.19

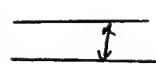


DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: QUENCH DENSITY (SGU)
TAG NUMBER : AIT-59

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
14:00:01	1.19	1.19	1.19
15:00:01	1.19	1.20	1.20
16:00:01	1.20	1.20	1.20
17:00:01	1.17	1.20	1.19
18:00:01	1.15	1.18	1.16
19:00:00	1.14	1.15	1.14
20:00:01	1.15	1.17	1.16
21:00:01	1.16	1.17	1.17
22:00:01	1.17	1.19	1.18
23:00:01	1.19	1.20	1.20
00:00:02	1.19	1.20	1.19



REPORT PRODUCED AT 00:00:02 ON Fri 06-11-1993

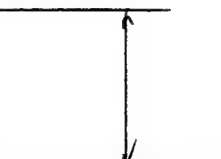
7pts.
Avg. = 1.19

DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: SQI CHAMBER PRESSURE (PSIG)
TAG NUMBER : PIT-31

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	3.8	3.9	3.8
02:00:01	3.8	3.9	3.8
03:00:01	3.8	3.9	3.8
04:00:01	3.8	3.9	3.8
05:00:01	3.8	4.0	3.9
06:00:01	3.9	4.0	4.0
07:00:01	3.8	4.0	3.9
08:00:01	3.8	4.1	4.0
09:00:01	3.9	4.0	4.0
10:00:00	3.9	4.0	4.0
11:00:01	3.9	4.0	3.9
12:00:01	3.9	3.9	3.9
13:00:01	3.7	4.0	3.8



DAILY ANALYSIS REPORT FOR Thu 06-10-1993

DESCRIPTION: SQI CHAMBER PRESSURE (PSIG)
TAG NUMBER : PIT-31

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
14:00:01	0.0	4.1	4.0
15:00:01	3.9	4.1	4.0
16:00:01	3.9	4.0	4.0
17:00:01	3.8	4.0	3.9
18:00:01	3.8	3.9	3.8
19:00:00	3.8	3.9	3.8
20:00:01	3.8	3.9	3.8
21:00:01	3.8	3.9	3.8
22:00:01	3.8	3.9	3.8
23:00:01	3.8	3.9	3.8
00:00:01	3.7	3.9	3.8



REPORT PRODUCED AT 00:00:01 ON Fri 06-11-1993

7pts.
AVG. = 3.97 psig

SQI OPERATIONS
DAILY REGULATORY PARAMETER
SUMMARY REPORT

June 11, 1993

DAY #2

<u>Tag Number</u>	<u>Description</u>	<u>Regulatory Trip Point</u>	<u>Operating Range</u>
· FIT04A	Liquid waste feed rate (lbs/min)	>190	0-190
· TIYRT	Residence time (sec)	<2	* >2
· TY34	Combustion chamber temp. (°F)	<1700	*1700-2000
· AIT30	Scrubber exhaust oxygen (%)	<3	** >3
· AIT64	Quench tank pH	<4	* 5-9
AIT56	Scrubber pH	<4.7	* 4.8-9
· FIT60	Venturi recycle flow rate (gpm)	<100	*100-240
· PDIT53	Venturi differential pressure (inches water)	<70	* 70-100
· LGRATIO	Venturi L/G ratio (gal/MCF)	<9.3	* >9.3
· FIT65	Packed tower flow rate (gpm)	<260	*270-330
· AIY31	CO over one hour rolling average (ppm)	>100	**0-100
AIT31	Carbon dioxide (CO ₂), (%)	-NA-	0-15
· AIT68	Total hydrocarbons (THC), (ppm)	-NA-	0-10
· AIT69	Nitrous oxides (NO _x), (ppm)	-NA-	0-500
· AIT71	Sulfur dioxide (SO ₂), (ppm)	-NA-	0-500
· AIT72	Hydrochloric acid (HCl), (ppm)	-NA-	0-100

7:10 - 13:41

SEE NOTES ON NEXT PAGE

6 hrs 31 min = 391 min

NOTES: Values for the operating range were taken from Table 4-3 of the Trial Burn Plan.

Values for the regulatory trip points were taken from Table 3-8 of the O & M Manual.

Final values for the regulatory limits will be determined after Trial Burn.

- * The operating ranges for regulatory items marked with an asterisk (*) do not apply if waste feed is not in progress.
- ** The operating ranges for regulatory items marked with a double asterisk (**) do not apply if the burner is not operating.

The readings are based on 360 individual data points which are read by the PMCS over a one hour period.

The minimum reading is the data point with the lowest value which was read during the one hour period.

The maximum reading is the data point with the highest value which was read during the one hour period.

The average reading is the average of the 360 individual data points which were read during the one hour period.

Readings labelled "valid" are defined as those readings in which at least 50% or 180 of the 360 data points read during the hour were actual readings and not readings such as 999999.9 which are generated during offline periods.

Readings labelled "invalid" are defined as those readings in which at least 50% or 180 of the 360 data points read during the hour were readings such as 999999.9 which were generated during offline periods.

OT CWF 6/12/93

DAILY ANALYSIS REPORT FOR Fri 06-11-1993

DESCRIPTION: TOTAL AQUEOUS WASTE FEED RATE (LBS/MIN)
TAG NUMBER : FIT-04A

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	0	68	2
02:00:01	0	0	0
03:00:00	0	249	35
04:00:01	0	0	0
05:00:01	0	243	122
06:00:00	166	180	175
07:00:01	175	181	178
08:00:01	173	179	176
09:00:01	170	180	175
10:00:01	176	184	180
11:00:01	177	184	181
12:00:01	174	183	179
13:00:01	175	182	179
14:00:01	153	179	168
15:00:00	122	130	127
16:00:01	102	120	111
17:00:00	120	132	127
18:00:00	113	130	118
19:00:00	111	120	117
20:00:00	112	121	117
21:00:01	112	120	117
22:00:01	112	120	116
23:00:01	111	120	116
00:00:44	112	119	116

INSERTING FEED
FALSE READINGS

7:40 start

13:41 finish

AVG. = $\frac{178.5 \text{ lb/min}}{176.9 \text{ lb/min}}$

7pts

REPORT PRODUCED AT 00:00:44 ON Sat 06-12-1993

DAILY ANALYSIS REPORT FOR Fri 06-11-1993

OK wfw 6/12

DESCRIPTION: PRIMARY COMBUSTION CHAMBER RETENTION TIME (SECONDS)
TAG NUMBER : TIY-RT

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	3.10	5.90	5.60
02:00:01	5.50	5.70	5.62
03:00:00	2.60	5.70	5.14
04:00:01	3.00	353.50	7.69
05:00:01	2.80	5.80	3.82
06:00:00	2.70	2.90	2.74
07:00:01	2.70	2.80	2.71
08:00:01	2.60	2.70	2.67
09:00:01	2.60	2.70	2.67
10:00:01	2.60	2.70	2.60
11:00:01	2.60	2.70	2.61
12:00:01	2.60	2.70	2.68
13:00:01	2.60	2.70	2.70
14:00:01	2.60	3.10	2.77
15:00:00	3.70	3.80	3.73
16:00:01	3.90	4.10	3.98
17:00:00	3.60	3.90	3.79
18:00:00	3.80	4.00	3.92
19:00:00	3.90	4.00	3.93
20:00:00	3.90	4.00	3.93
21:00:01	3.90	4.00	3.92
22:00:01	3.80	4.00	3.92
23:00:01	3.90	4.00	3.95
00:00:39	3.90	4.00	3.95



AVG. = $\frac{2.66 + 2.67}{2}$ KMA

low = 2.6
high = ~~2.8~~ 3.1
 $\Delta = .25$

REPORT PRODUCED AT 00:00:39 ON Sat 06-12-1993

sk wfw 6/2

DAILY ANALYSIS REPORT FOR Fri 06-11-1993

DESCRIPTION: AVERAGE COMBUSTION CHAMBER TEMPERATURE (DEG F)
TAG NUMBER : TY-34

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	1825	1855	1840
02:00:01	1839	1842	1840
03:00:00	1791	1841	1837
04:00:01	0	1975	1807
05:00:01	1829	1842	1837
06:00:00	1822	1843	1832
07:00:01	1825	1833	1829
08:00:01	1825	1831	1828
09:00:01	1825	1837	1830
10:00:01	1823	1833	1829
11:00:01	1821	1836	1830
12:00:01	1822	1837	1830
13:00:01	1822	1839	1830
14:00:01	1821	1856	1839
15:00:00	0	1840	1835
16:00:01	0	1847	1835
17:00:00	1829	1846	1836
18:00:00	1833	1839	1836
19:00:00	1833	1837	1836
20:00:00	1833	1840	1836
21:00:01	1832	1839	1836
22:00:01	1833	1840	1836
23:00:01	1832	1839	1836
00:00:43	1832	1838	1835

AVG. = 1831°F ^{RMA}
 ~~1829°F~~
low = 1821°F
high = 1856°F

REPORT PRODUCED AT 00:00:43 ON Sat 06-12-1993

DAILY ANALYSIS REPORT FOR Fri 06-11-1993

ok wfn 6/2

DESCRIPTION: CEM OXYGEN (%)
TAG NUMBER : AIT-30

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
01:00:01	20.7	20.8	20.7	0	Valid
02:00:01	20.5	20.8	20.7	0	Valid
03:00:00	2.5	21.0	14.7	0	Valid
04:00:01	5.0	20.8	13.1	0	Valid
05:00:01	2.8	12.4	5.8	0	Valid
06:00:00	3.7	4.4	4.0	0	Valid
07:00:01	3.3	4.2	3.7	0	Valid
08:00:01	3.4	4.8	3.9	0	Valid
09:00:01	3.6	4.8	3.9	0	Valid
10:00:01	3.7	4.3	3.9	0	Valid
11:00:01	3.3	4.2	3.8	0	Valid
12:00:01	3.2	4.0	3.6	0	Valid
13:00:01	3.2	3.9	3.5	0	Valid
14:00:01	3.2	4.4	3.6	0	Valid
15:00:00	3.3	4.0	3.8	0	Valid
16:00:01	3.7	5.4	4.3	0	Valid
17:00:00	3.1	21.2	4.3	0	Valid
18:00:00	4.0	21.5	5.5	0	Valid
19:00:00	4.2	19.9	4.9	0	Valid
20:00:00	4.0	5.3	4.5	0	Valid
21:00:01	3.9	5.1	4.5	0	Valid
22:00:01	4.1	6.0	5.1	0	Valid
23:00:01	4.4	6.2	5.3	0	Valid
00:00:03	4.8	6.4	5.7	0	Valid

REPORT PRODUCED AT 00:00:03 ON Sat 06-12-1993

AVG. = ~~5.76~~⁹ 3.74⁹ 1200

DAILY ANALYSIS REPORT FOR Fri 06-11-1993

ot wtw d12

DESCRIPTION: QUENCH pH
TAG NUMBER : AIT-64

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	5.6	5.9	5.8
02:00:01	5.9	5.9	5.9
03:00:00	5.8	5.9	5.9
04:00:01	5.6	5.7	5.7
05:00:01	4.9	5.7	5.4
06:00:00	5.3	5.8	5.6
07:00:01	5.7	5.8	5.8
08:00:01	5.6	5.7	5.6
09:00:01	5.7	6.0	5.9
10:00:01	6.0	6.1	6.1
11:00:01	5.9	6.0	6.0
12:00:01	5.9	6.1	6.0
13:00:01	6.1	6.3	6.1
14:00:01	6.3	6.3	6.3
15:00:00	6.2	6.2	6.2
16:00:01	6.2	6.2	6.2
17:00:00	6.1	6.2	6.1
18:00:00	6.2	6.3	6.3
19:00:00	6.2	6.3	6.2
20:00:00	6.1	6.2	6.1
21:00:01	6.2	6.4	6.3
22:00:01	6.0	7.2	6.3
23:00:01	5.9	6.3	6.1
00:00:46	5.8	6.1	6.0

AVG. = ~~5.93~~ 6.00 PMA

REPORT PRODUCED AT 00:00:46 ON Sat 06-12-1993

DAILY ANALYSIS REPORT FOR Fri 06-11-1993

OK wfn 6/12

DESCRIPTION: SCRUBBER RECYCLE pH
TAG NUMBER : AIT-56

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	5.9	6.2	6.1
02:00:01	5.8	6.4	6.1
03:00:00	5.4	7.0	6.4
04:00:01	5.5	7.3	6.5
05:00:01	5.3	7.0	6.4
06:00:00	5.7	6.5	6.1
07:00:01	5.4	6.8	6.1
08:00:01	5.2	6.8	6.1
09:00:01	5.8	6.2	6.0
10:00:01	5.7	6.4	6.1
11:00:01	5.3	6.9	6.1
12:00:01	5.7	6.4	6.1
13:00:01	5.8	6.2	6.1
14:00:01	5.7	6.4	6.0
15:00:00	5.1	6.6	5.9
16:00:01	5.5	6.5	6.2
17:00:00	5.3	6.5	6.0
18:00:00	5.7	6.4	6.0
19:00:00	5.4	6.5	6.0
20:00:00	5.4	6.5	6.0
21:00:01	5.7	6.2	6.0
22:00:01	5.6	6.4	6.0
23:00:01	5.5	6.4	6.2
00:00:46	5.8	6.3	6.1

6.087

REPORT PRODUCED AT 00:00:46 ON Sat 06-12-1993

OK wfw e/2

DAILY ANALYSIS REPORT FOR Fri 06-11-1993

DESCRIPTION: VENTURI RECYCLE FLOW (GPM)
TAG NUMBER : FIT-60

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	115	127	121
02:00:01	116	128	120
03:00:00	118	126	121
04:00:01	115	129	121
05:00:01	113	127	121
06:00:00	116	146	136
07:00:01	121	144	131
08:00:01	121	131	125
09:00:01	121	132	125
10:00:01	121	129	125
11:00:01	122	128	126
12:00:01	122	130	126
13:00:01	121	129	125
14:00:01	124	127	126
15:00:00	100	137	129
16:00:01	126	137	131
17:00:00	125	138	131
18:00:00	123	137	131
19:00:00	125	137	131
20:00:00	125	137	131
21:00:01	125	137	130
22:00:01	127	136	130
23:00:01	126	137	131
00:00:54	126	134	131

Avg. = ~~126~~ 125.4 gm
125.4 gm

REPORT PRODUCED AT 00:00:54 ON Sat 06-12-1993

OK wfw 6/12

DAILY ANALYSIS REPORT FOR Fri 06-11-1993

DESCRIPTION: VENTURI DIFFERENTIAL PRESSURE (INWC)

TAG NUMBER : PDIT-53

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	87.1	93.7	89.6
02:00:01	88.0	92.3	90.0
03:00:00	87.5	92.2	90.0
04:00:01	19.1	91.8	49.8
05:00:01	88.2	92.1	90.1
06:00:00	88.8	91.9	90.0
07:00:01	88.8	91.3	90.1
08:00:01	89.0	91.5	90.1
09:00:01	88.8	90.9	90.0
10:00:01	88.9	91.1	90.0
11:00:01	88.9	91.1	90.0
12:00:01	88.8	91.8	90.0
13:00:01	89.0	91.6	90.0
14:00:01	88.8	91.0	90.0
15:00:00	60.0	92.2	88.6
16:00:01	88.7	91.6	89.9
17:00:00	88.4	91.6	89.9
18:00:00	87.8	92.2	90.1
19:00:00	88.5	91.9	89.8
20:00:00	88.3	91.6	90.2
21:00:01	88.2	91.9	90.0
22:00:01	88.4	92.0	90.0
23:00:01	88.0	92.1	90.1
00:00:45	88.6	92.1	90.5

BURBANK TRIP

90"

REPORT PRODUCED AT 00:00:45 ON Sat 06-12-1993

OK ufw 6/12/

DAILY ANALYSIS REPORT FOR Fri 06-11-1993

DESCRIPTION: LIQUID / GAS RATIO (GAL/MCF)
TAG NUMBER : LG_RATIO

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	17.3	23.5	22.3
02:00:01	21.2	23.7	22.3
03:00:00	11.9	23.5	20.2
04:00:01	0.0	25.7	20.2
05:00:01	11.3	22.8	14.9
06:00:00	10.1	13.3	12.0
07:00:01	10.6	12.6	11.5
08:00:01	10.1	11.5	10.8
09:00:01	10.3	11.4	10.8
10:00:01	10.3	10.9	10.6
11:00:01	10.2	11.0	10.6
12:00:01	10.4	11.2	10.8
13:00:01	10.4	11.3	10.8
14:00:01	10.5	12.6	11.3
15:00:00	14.7	16.4	15.8
16:00:01	16.2	17.8	16.9
17:00:00	14.8	17.1	16.0
18:00:00	15.6	17.4	16.6
19:00:00	15.9	17.3	16.6
20:00:00	15.8	17.7	16.6
21:00:01	15.8	17.5	16.6
22:00:01	16.1	17.3	16.6
23:00:01	16.0	17.7	16.7
00:00:56	15.9	17.3	16.7

BURWER TRIP

AVG. = 10.8 gal/mcf

REPORT PRODUCED AT 00:00:56 ON Sat 06-12-1993

ok wfu 6/12

DAILY ANALYSIS REPORT FOR Fri 06-11-1993

DESCRIPTION: SCRUBBER SPRAY FLOW (GPM)
TAG NUMBER : FIT-65

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	278	291	285
02:00:01	278	292	287
03:00:00	283	296	290
04:00:01	283	296	290
05:00:01	283	296	289
06:00:00	286	293	290
07:00:01	284	295	289
08:00:01	273	289	281
09:00:01	273	288	281
10:00:01	273	288	281
11:00:01	273	288	280
12:00:01	273	287	281
13:00:01	274	287	280
14:00:01	274	287	281
15:00:00	260	288	284
16:00:01	285	287	286
17:00:00	279	291	285
18:00:00	279	291	286
19:00:00	279	292	286
20:00:00	277	293	286
21:00:01	278	292	285
22:00:01	277	293	285
23:00:01	278	293	285
00:00:53	279	291	286

AVG. = ~~281.9~~ 280.7 ^{8pm}
icms

REPORT PRODUCED AT 00:00:53 ON Sat 06-12-1993

DAILY ANALYSIS REPORT FOR Fri 06-11-1993

4/2 6/2

DESCRIPTION: CARBON MONOXIDE 60 MINUTE ROLLING AVERAGE (PPM)
TAG NUMBER : AIY-31

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	38.10	103.70	89.36
02:00:01	6.60	33.20	20.11
03:00:00	6.30	18.20	7.17
04:00:01	17.20	29.90	28.75
05:00:01	5.70	14.70	7.98
06:00:00	12.20	36.90	24.41
07:00:01	37.30	58.80	47.80
08:00:01	46.20	62.70	56.69
09:00:01	32.40	45.60	36.77
10:00:01	32.30	34.20	33.42
11:00:01	33.80	42.30	36.58
12:00:01	42.10	52.50	47.53
13:00:01	49.60	55.10	51.77
14:00:01	55.00	77.60	68.72
15:00:00	15.80	100.00	25.96
16:00:01	3.70	4.40	4.01
17:00:00	3.60	10.70	6.61
18:00:00	27.40	64.50	61.50
19:00:00	5.20	42.90	7.40
20:00:00	3.70	7.30	5.65
21:00:01	2.00	3.70	2.68
22:00:01	1.10	1.90	1.52
23:00:01	0.90	1.10	1.02
00:00:49	0.90	1.40	1.13

PLUGGED FILTER O₂
FALSE HIGH CO DUE
TO CORRECTION

AVG. = ~~44.4~~ ppm
47.4 ppm Error

REPORT PRODUCED AT 00:00:49 ON Sat 06-12-1993

OK WFW G12

DAILY ANALYSIS REPORT FOR Fri 06-11-1993

DESCRIPTION: CEM CARBON DIOXIDE (%)

TAG NUMBER : AIT-31

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
01:00:01	0.1	0.1	0.1	0	Valid
02:00:01	0.1	0.2	0.1	0	Valid
03:00:00	0.0	9.4	3.4	0	Valid
04:00:01	0.1	8.8	4.2	0	Valid
05:00:01	4.4	10.6	8.5	0	Valid
06:00:00	8.3	9.9	9.5	0	Valid
07:00:01	8.2	10.4	9.3	0	Valid
08:00:01	8.1	10.5	9.4	0	Valid
09:00:01	8.4	10.3	9.6	0	Valid
10:00:01	8.3	10.3	9.1	0	Valid
11:00:01	8.4	10.4	9.7	0	Valid
12:00:01	8.6	10.5	9.9	0	Valid
13:00:01	8.9	10.6	10.2	0	Valid
14:00:01	9.8	10.6	10.3	0	Valid
15:00:00	9.6	10.4	10.1	0	Valid
16:00:01	9.1	10.1	9.8	0	Valid
17:00:00	0.0	10.5	9.6	0	Valid
18:00:00	0.0	9.9	8.9	0	Valid
19:00:00	0.3	10.0	9.4	0	Valid
20:00:00	9.3	10.3	9.9	0	Valid
21:00:01	9.6	10.4	10.0	0	Valid
22:00:01	9.1	10.4	9.7	0	Valid
23:00:01	9.0	10.1	9.6	0	Valid
00:00:58	8.8	9.9	9.3	0	Valid

REPORT PRODUCED AT 00:00:58 ON Sat 06-12-1993

AVG = ~~9.60~~ 9.74
KMA

DAILY ANALYSIS REPORT FOR Fri 06-11-1993

OK wtu 6/12

DESCRIPTION: CEM TOTAL HYDROCARBONS (PPM)

TAG NUMBER : AIT-68

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
01:00:01	0.0	3.1	1.3	0	Valid
02:00:01	0.0	2.3	0.2	0	Valid
03:00:00	0.0	9.5	2.5	0	Valid
04:00:01	7.1	10.0	8.0	0	Valid
05:00:01	6.3	10.0	8.2	0	Valid
06:00:00	7.8	10.0	9.4	0	Valid
07:00:01	7.1	10.0	9.7	0	Valid
08:00:01	9.2	10.0	9.9	0	Valid
09:00:01	5.8	10.0	8.2	0	Valid
10:00:01	7.5	10.0	9.2	0	Valid
11:00:01	9.5	10.0	10.0	0	Valid
12:00:01	10.0	10.0	10.0	0	Valid
13:00:01	10.0	10.0	10.0	0	Valid
14:00:01	10.0	10.0	10.0	0	Valid
15:00:00	10.0	10.0	10.0	0	Valid
16:00:01	10.0	10.0	10.0	0	Valid
17:00:00	0.0	10.0	4.1	0	Valid
18:00:00	0.0	10.0	0.4	9	Valid
19:00:00	0.0	7.4	2.1	0	Valid
20:00:00	2.9	9.4	7.1	0	Valid
21:00:01	5.1	9.8	6.9	0	Valid
22:00:01	6.5	8.9	7.5	0	Valid
23:00:01	1.8	10.0	7.7	0	Valid
00:00:59	5.8	9.6	7.6	0	Valid

REPORT PRODUCED AT 00:00:59 ON Sat 06-12-1993

AVG. = ~~9.57~~ ppm
9.61 ppm

DAILY ANALYSIS REPORT FOR Fri 06-11-1993

OK WFW
6/12

DESCRIPTION: CEM NITROUS OXIDES (PPM)
TAG NUMBER : AIT-69

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
01:00:01	0.00	0.00	0.00	0	Valid
02:00:01	0.00	0.00	0.00	0	Valid
03:00:00	0.00	203.00	66.58	0	Valid
04:00:01	0.00	202.00	78.83	0	Valid
05:00:01	74.00	205.00	159.31	0	Valid
06:00:00	106.00	166.00	136.31	0	Valid
07:00:01	90.00	148.00	119.59	0	Valid
08:00:01	114.00	175.00	140.72	0	Valid
09:00:01	135.00	169.00	152.69	0	Valid
10:00:01	130.00	170.00	150.71	0	Valid
11:00:01	114.00	170.00	145.66	0	Valid
12:00:01	103.00	166.00	138.34	0	Valid
13:00:01	105.00	165.00	132.40	0	Valid
14:00:01	86.00	184.00	133.29	0	Valid
15:00:00	165.00	212.00	190.63	0	Valid
16:00:01	188.00	202.00	193.38	0	Valid
17:00:00	3.00	203.00	168.78	0	Valid
18:00:00	3.00	208.00	184.32	0	Valid
19:00:00	3.00	210.00	196.24	0	Valid
20:00:00	193.00	228.00	203.47	0	Valid
21:00:01	194.00	221.00	204.58	0	Valid
22:00:01	185.00	225.00	198.79	0	Valid
23:00:01	181.00	227.00	196.12	0	Valid
00:01:00	176.00	207.00	187.41	0	Valid

REPORT PRODUCED AT 00:01:00 ON Sat 06-12-1993

AVG. = ~~1400~~ ppm
141.97

DAILY ANALYSIS REPORT FOR Fri 06-11-1993

OK wfw 6/12

DESCRIPTION: CEM SULFER DIOXIDE (PPM)

TAG NUMBER : AIT-71

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
01:00:01	5.8	10.7	8.0	0	Valid
02:00:01	5.8	9.2	7.7	0	Valid
03:00:00	1.4	9.7	5.8	0	Valid
04:00:01	2.9	8.3	4.9	0	Valid
05:00:01	2.4	4.8	3.6	0	Valid
06:00:00	0.0	3.9	1.9	0	Valid
07:00:01	0.0	1.9	0.4	0	Valid
08:00:01	0.0	32.7	3.0	0	Valid
09:00:01	0.0	27.8	4.1	0	Valid
10:00:01	0.0	2.4	0.7	0	Valid
11:00:01	0.0	0.9	0.1	0	Valid
12:00:01	0.0	0.0	0.0	0	Valid
13:00:01	0.0	0.0	0.0	0	Valid
14:00:01	0.0	0.0	0.0	0	Valid
15:00:00	0.0	503.4	75.6	0	Valid
16:00:01	9.2	306.1	90.8	0	Valid
17:00:00	2.4	503.9	185.7	0	Valid
18:00:00	0.0	261.2	97.8	0	Valid
19:00:00	4.8	503.9	143.8	0	Valid
20:00:00	44.9	503.9	258.5	0	Valid
21:00:01	39.5	413.5	193.5	0	Valid
22:00:01	37.1	379.3	128.7	0	Valid
23:00:01	90.8	503.9	201.3	0	Valid
00:00:57	44.9	247.0	111.8	0	Valid

REPORT PRODUCED AT 00:00:57 ON Sat 06-12-1993

AVG = ~~1019~~ PPM
1013

DAILY ANALYSIS REPORT FOR Fri 06-11-1993

ok wfw
6/12

DESCRIPTION: CEM HYDROCHLORIC ACID (PPM)
TAG NUMBER : AIT-72

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
01:00:01	0.0	0.2	0.1	0	Valid
02:00:01	0.0	0.0	0.0	0	Valid
03:00:00	0.0	22.6	0.6	0	Valid
04:00:01	0.0	4.4	0.9	0	Valid
05:00:01	0.0	5.4	1.3	0	Valid
06:00:00	0.0	5.7	2.3	0	Valid
07:00:01	0.0	5.9	2.5	0	Valid
08:00:01	0.1	5.4	2.3	0	Valid
09:00:01	0.0	5.1	1.9	0	Valid
10:00:01	0.0	3.9	1.2	0	Valid
11:00:01	0.0	4.6	1.5	0	Valid
12:00:01	0.0	5.7	2.0	0	Valid
13:00:01	0.5	7.1	2.7	0	Valid
14:00:01	0.0	5.8	2.9	0	Valid
15:00:00	1.4	6.5	4.1	0	Valid
16:00:01	4.1	8.5	6.1	0	Valid
17:00:00	0.3	12.5	5.6	0	Valid
18:00:00	0.0	13.8	7.4	0	Valid
19:00:00	0.0	6.9	2.5	0	Valid
20:00:00	0.5	5.0	2.7	0	Valid
21:00:01	0.1	5.5	3.0	0	Valid
22:00:01	0.6	5.1	2.7	0	Valid
23:00:01	0.4	5.0	2.6	0	Valid
00:01:01	0.1	5.2	2.5	0	Valid

REPORT PRODUCED AT 00:01:01 ON Sat 06-12-1993

AVG = ~~2.01~~ ppm
2.07

DAILY ANALYSIS REPORT FOR Fri 06-11-1993

DESCRIPTION: INCINERATOR GAS FLOW (SCFM)
TAG NUMBER : FIT-09

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	247	291	259
02:00:01	244	264	254
03:00:00	241	386	257
04:00:01	0	509	229
05:00:01	237	398	296
06:00:00	375	441	420
07:00:01	411	447	429
08:00:01	419	480	446
09:00:01	435	488	454
10:00:01	441	483	462
11:00:01	436	482	455
12:00:01	419	459	436
13:00:01	405	457	432
14:00:01	355	503	428
15:00:00	281	296	288
16:00:01	285	309	296
17:00:00	261	313	282
18:00:00	272	289	279
19:00:00	269	288	278
20:00:00	268	290	279
21:00:01	265	287	278
22:00:01	265	284	274
23:00:01	262	284	271
00:00:55	263	280	272

AVG = 444.7 SCFM

REPORT PRODUCED AT 00:00:55 ON Sat 06-12-1993

DAILY ANALYSIS REPORT FOR Fri 06-11-1993

DESCRIPTION: SCRUBBER PACKING DIFFERENTIAL PRESSURE (INWC)
TAG NUMBER : PDIT-66B

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	0.9	1.6	1.0
02:00:01	1.0	1.4	1.2
03:00:00	1.0	2.1	1.4
04:00:01	0.3	4.5	1.1
05:00:01	0.8	4.2	2.2
06:00:00	4.1	5.1	4.7
07:00:01	4.4	4.8	4.6
08:00:01	4.5	5.5	5.0
09:00:01	4.6	5.4	4.9
10:00:01	4.7	5.2	5.0
11:00:01	4.7	5.4	5.1
12:00:01	4.3	5.0	4.6
13:00:01	4.5	5.0	4.7
14:00:01	3.4	5.3	4.4
15:00:00	2.1	2.3	2.2
16:00:01	1.8	2.0	1.9
17:00:00	1.7	2.5	2.0
18:00:00	1.6	2.1	1.8
19:00:00	1.8	2.6	2.3
20:00:00	2.0	3.2	2.6
21:00:01	2.5	3.5	3.0
22:00:01	3.2	3.9	3.5
23:00:01	3.0	3.6	3.3
00:00:47	3.0	3.8	3.3

AVG = 4.84" w.c.

REPORT PRODUCED AT 00:00:47 ON Sat 06-12-1993

DAILY ANALYSIS REPORT FOR Fri 06-11-1993

DESCRIPTION: TOTAL COMBUSTION AIR FLOW (SCFM)

TAG NUMBER : AIY-CE (FIT-16 + FIT-30)

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	4666	5010	4803
02:00:01	4719	4892	4802
03:00:00	4711	4919	4805
04:00:01	4237	9579	5197
05:00:01	4711	6605	5208
06:00:00	6479	7115	6903
07:00:01	6760	7121	6929
08:00:01	6892	7645	7176
09:00:01	6953	7658	7183
10:00:01	7192	7503	7364
11:00:01	7112	7511	7307
12:00:01	6891	7311	7106
13:00:01	6882	7276	7097
14:00:01	6027	7608	6906
15:00:00	4852	5107	5001
16:00:01	4732	4867	4807
17:00:00	4602	5337	4860
18:00:00	4723	4910	4802
19:00:00	4713	4891	4803
20:00:00	4722	4882	4802
21:00:01	4729	4891	4803
22:00:01	4719	4874	4803
23:00:01	4737	4874	4803
00:00:41	4719	4874	4802

AVG = ~~7166~~ SCFM
7163 KMA

REPORT PRODUCED AT 00:00:41 ON Sat 06-12-1993

DAILY ANALYSIS REPORT FOR Fri 06-11-1993

DESCRIPTION: QUENCH DENSITY (SGU)

TAG NUMBER : AIT-59

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	1.17	1.19	1.18
02:00:01	1.17	1.18	1.17
03:00:00	1.17	1.17	1.17
04:00:01	1.16	1.17	1.17
05:00:01	1.16	1.18	1.17
06:00:00	1.18	1.21	1.20
07:00:01	1.20	1.21	1.21
08:00:01	1.19	1.20	1.19
09:00:01	1.18	1.19	1.18
10:00:01	1.18	1.19	1.18
11:00:01	1.18	1.19	1.19
12:00:01	1.19	1.21	1.20
13:00:01	1.21	1.21	1.21
14:00:01	1.19	1.21	1.20
15:00:00	1.17	1.17	1.17
16:00:01	1.15	1.16	1.15
17:00:00	1.15	1.16	1.15
18:00:00	1.16	1.18	1.17
19:00:00	1.17	1.18	1.18
20:00:00	1.18	1.20	1.19
21:00:01	1.20	1.20	1.20
22:00:01	1.00	1.25	1.19
23:00:01	1.19	1.21	1.20
00:00:02	1.20	1.21	1.20

AVG = 1.19 SGU

REPORT PRODUCED AT 00:00:02 ON Sat 06-12-1993

DAILY ANALYSIS REPORT FOR Fri 06-11-1993

DESCRIPTION: SQI CHAMBER PRESSURE (PSIG)
TAG NUMBER : PIT-31

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	3.8	3.9	3.8
02:00:01	3.8	3.8	3.8
03:00:00	3.8	3.9	3.8
04:00:01	0.0	4.3	2.8
05:00:01	3.7	3.9	3.8
06:00:00	3.9	4.0	3.9
07:00:01	3.9	4.0	3.9
08:00:01	3.9	4.0	4.0
09:00:01	3.9	4.0	3.9
10:00:01	3.9	4.0	4.0
11:00:01	3.9	4.0	4.0
12:00:01	3.9	4.0	3.9
13:00:01	3.9	4.0	3.9
14:00:01	3.8	4.0	3.9
15:00:00	0.0	3.8	3.8
16:00:01	0.0	3.8	3.8
17:00:00	3.8	3.9	3.8
18:00:00	3.8	3.9	3.8
19:00:00	3.8	3.9	3.8
20:00:00	3.8	3.9	3.8
21:00:01	3.8	3.9	3.8
22:00:01	3.8	3.9	3.8
23:00:01	3.8	3.9	3.9
00:00:00	3.8	3.9	3.9

AVG. = 3.94 psig

REPORT PRODUCED AT 00:00:00 ON Sat 06-12-1993

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: TOTAL AQUEOUS WASTE FEED RATE (LBS/MIN)
TAG NUMBER : FIT-04A

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	112	119	116
02:00:01	93	121	108
03:00:01	85	121	98
04:00:01	95	153	133
05:00:01	137	152	144
06:00:01	152	182	172
07:00:02	166	181	172

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: TOTAL AQUEOUS WASTE FEED RATE (LBS/MIN)
TAG NUMBER : FIT-04A

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
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DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: TOTAL AQUEOUS WASTE FEED RATE (LBS/MIN)
TAG NUMBER : FIT-04A

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
08:00:01	181	182	182
09:00:01	173	183	178
10:00:01	177	187	182
11:00:01	177	185	181
12:00:01	176	186	182
13:00:01	172	184	178
14:00:01	175	185	180
15:00:02	153	188	178
16:00:01	94	151	123
17:00:01	0	166	96
18:00:01	0	263	9
19:00:01	0	53	15
20:00:01	0	126	51
21:00:01	84	121	103
22:00:01	103	112	107
23:00:01	105	111	107
00:00:45	106	112	107

7:56
AVG = 179.916/min

14:40

REPORT PRODUCED AT 00:00:45 ON Sun 06-13-1993

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: PRIMARY COMBUSTION CHAMBER RETENTION TIME (SECONDS)
TAG NUMBER : TIY-RT

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	3.90	4.00	3.94
02:00:01	3.00	4.30	3.83
03:00:01	3.20	4.20	3.91
04:00:01	3.50	4.20	3.71
05:00:01	2.80	3.70	3.48
06:00:01	2.60	2.90	2.77
07:00:02	2.60	2.80	2.67

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: PRIMARY COMBUSTION CHAMBER RETENTION TIME (SECONDS)
TAG NUMBER : TIY-RT

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
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DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: PRIMARY COMBUSTION CHAMBER RETENTION TIME (SECONDS)
TAG NUMBER : TIY-RT

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
08:00:01	2.60	2.60	2.60
09:00:01	2.60	2.70	2.66
10:00:01	2.60	2.70	2.63
11:00:01	2.60	2.70	2.67
12:00:01	2.60	2.70	2.69
13:00:01	2.70	3.00	2.76
14:00:01	2.60	2.70	2.67
15:00:02	2.60	3.10	2.69
16:00:01	3.10	4.20	3.72
17:00:01	2.70	5.70	4.09
18:00:01	2.80	5.90	5.47
19:00:01	2.80	7.20	5.16
20:00:01	2.60	5.50	4.55
21:00:01	3.00	4.10	3.74
22:00:01	3.40	3.90	3.66
23:00:01	3.60	3.70	3.67
00:00:36	3.50	3.80	3.65

Avg. = 2.68

*low = 2.6
high = 3.10
Δ = .5*

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: AVERAGE COMBUSTION CHAMBER TEMPERATURE (DEG F)
TAG NUMBER : TY-34

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	1831	1838	1835
02:00:01	1785	1865	1833
03:00:01	1808	1885	1837
04:00:01	1828	1882	1840
05:00:01	1816	1866	1851
06:00:01	1831	1859	1839
07:00:02	1837	1847	1842

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: AVERAGE COMBUSTION CHAMBER TEMPERATURE (DEG F)
TAG NUMBER : TY-34

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
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DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: AVERAGE COMBUSTION CHAMBER TEMPERATURE (DEG F)
TAG NUMBER : TY-34

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
08:00:01	0	1842	1841
09:00:01	1835	1847	1839
10:00:01	1837	1844	1840
11:00:01	1825	1843	1834
12:00:01	1826	1833	1830
13:00:01	1822	1837	1830
14:00:01	1826	1840	1832
15:00:02	1825	1844	1838
16:00:01	1822	1848	1838
17:00:01	1819	1843	1840
18:00:01	1756	1905	1851
19:00:01	1487	1993	1855
20:00:01	1884	1922	1905
21:00:01	1855	1932	1903
22:00:01	1899	1931	1907
23:00:01	1901	1909	1905
00:00:45	1897	1912	1905

Avg. = 1835°F

*low = 1822
high = 1847
A = 25°F*

REPORT PRODUCED AT 00:00:45 ON Sun 06-13-1993

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: CEM OXYGEN (%)
TAG NUMBER : AIT-30

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
01:00:01	5.1	6.7	6.1	0	Valid
02:00:01	1.6	6.8	5.4	0	Valid
03:00:01	3.7	8.1	6.3	0	Valid
04:00:01	2.8	20.8	8.1	0	Valid
05:00:01	4.6	20.8	11.5	0	Valid
06:00:01	5.1	7.0	6.0	0	Valid
07:00:02	3.8	7.0	5.4	0	Valid

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: CEM OXYGEN (%)
TAG NUMBER : AIT-30

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
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DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: CEM OXYGEN (%)
TAG NUMBER : AIT-30

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
08:00:01	3.7	4.0	3.9	0	Valid
09:00:01	3.2	4.1	3.7	0	Valid
10:00:01	3.2	3.8	3.4	0	Valid
11:00:01	3.2	3.7	3.4	0	Valid
12:00:01	3.1	3.8	3.4	0	Valid
13:00:01	3.0	3.7	3.3	0	Valid
14:00:01	2.9	3.8	3.3	0	Valid
15:00:02	3.0	3.9	3.3	0	Valid
16:00:01	3.0	8.4	4.2	0	Valid
17:00:01	3.0	8.4	6.2	0	Valid
18:00:01	4.5	13.0	10.9	0	Valid
19:00:01	4.8	21.2	10.7	0	Valid
20:00:01	4.6	8.6	6.9	0	Valid
21:00:01	2.7	7.5	4.3	0	Valid
22:00:01	3.4	4.4	4.0	0	Valid
23:00:01	3.7	4.4	4.0	0	Valid
00:00:40	3.7	4.3	4.0	0	Valid

avg = 3.49

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: QUENCH pH
TAG NUMBER : AIT-64

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	5.9	6.3	6.0
02:00:01	6.1	6.4	6.3
03:00:01	6.1	6.2	6.2
04:00:01	6.1	6.5	6.2
05:00:01	6.1	6.3	6.2
06:00:01	6.1	6.3	6.2
07:00:02	6.1	6.2	6.2

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: QUENCH pH
TAG NUMBER : AIT-64

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
DAILY ANALYSIS REPORT FOR Sat 06-12-1993			

DESCRIPTION: QUENCH pH
TAG NUMBER : AIT-64

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
08:00:01	6.2	6.2	6.2
09:00:01	6.2	6.2	6.2
10:00:01	6.2	6.2	6.2
11:00:01	6.2	6.2	6.2
12:00:01	6.2	6.2	6.2
13:00:01	6.2	6.2	6.2
14:00:01	6.2	6.2	6.2
15:00:02	6.2	6.2	6.2
16:00:01	6.2	6.3	6.3
17:00:01	6.2	6.2	6.2
18:00:01	6.2	6.6	6.5
19:00:01	6.5	6.6	6.6
20:00:01	6.1	6.5	6.2
21:00:01	6.0	6.3	6.2
22:00:01	6.1	6.3	6.2
23:00:01	6.2	6.3	6.3
00:00:48	6.1	6.3	6.2

AVG. = 6.2 pH

REPORT PRODUCED AT 00:00:48 ON Sun 06-13-1993

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: SCRUBBER RECYCLE pH
TAG NUMBER : AIT-56

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	5.6	6.4	6.1
02:00:01	5.7	6.3	6.1
03:00:01	5.7	6.5	6.1
04:00:01	5.7	6.3	6.0
05:00:01	5.7	6.4	6.0
06:00:01	5.6	6.4	6.1
07:00:02	5.6	6.4	6.0

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: SCRUBBER RECYCLE pH
TAG NUMBER : AIT-56

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
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DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: SCRUBBER RECYCLE pH
TAG NUMBER : AIT-56

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
08:00:01	5.4	5.4	5.4
09:00:01	5.0	5.6	5.3
10:00:01	5.0	5.6	5.3
11:00:01	5.2	6.3	5.7
12:00:01	5.0	6.0	5.4
13:00:01	5.0	5.9	5.3
14:00:01	5.0	5.7	5.3
15:00:02	5.0	5.6	5.3
16:00:01	5.0	6.9	6.1
17:00:01	5.3	6.8	6.5
18:00:01	6.4	6.8	6.6
19:00:01	6.2	7.1	6.7
20:00:01	6.0	7.4	6.8
21:00:01	6.2	7.0	6.6
22:00:01	6.2	6.9	6.6
23:00:01	6.3	6.9	6.6
00:00:47	6.2	6.9	6.6

Avg = 5.37 pH

REPORT PRODUCED AT 00:00:47 ON Sun 06-13-1993

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: VENTURI RECYCLE FLOW (GPM)
TAG NUMBER : FIT-60

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	126	135	131
02:00:01	127	135	131
03:00:01	124	136	131
04:00:01	125	136	131
05:00:01	126	135	130
06:00:01	126	135	131
07:00:02	126	135	131

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: VENTURI RECYCLE FLOW (GPM)
TAG NUMBER : FIT-60

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
DAILY ANALYSIS REPORT FOR Sat 06-12-1993			

DESCRIPTION: VENTURI RECYCLE FLOW (GPM)
TAG NUMBER : FIT-60

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
08:00:01	125	126	126
09:00:01	124	129	126
10:00:01	124	127	125
11:00:01	124	127	126
12:00:01	123	128	126
13:00:01	124	128	126
14:00:01	123	130	126
15:00:02	123	129	126
16:00:01	123	129	126
17:00:01	100	133	125
18:00:01	121	133	126
19:00:01	122	133	126
20:00:01	124	129	126
21:00:01	121	132	125
22:00:01	121	132	125
23:00:01	124	128	126
00:00:56	123	130	126

AVG. = 126 gpm

REPORT PRODUCED AT 00:00:56 ON Sun 06-13-1993

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: VENTURI DIFFERENTIAL PRESSURE (INWC)
TAG NUMBER : PDIT-53

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	88.5	91.5	89.8
02:00:01	87.8	91.9	90.0
03:00:01	88.5	92.9	90.2
04:00:01	87.9	91.6	90.0
05:00:01	88.5	91.6	90.0
06:00:01	89.3	91.1	90.1
07:00:02	88.8	91.0	90.1

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: VENTURI DIFFERENTIAL PRESSURE (INWC)
TAG NUMBER : PDIT-53

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
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DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: VENTURI DIFFERENTIAL PRESSURE (INWC)
TAG NUMBER : PDIT-53

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
08:00:01	89.3	89.5	89.4
09:00:01	88.8	91.0	90.0
10:00:01	88.4	91.3	90.1
11:00:01	89.0	91.1	90.1
12:00:01	89.1	91.0	89.9
13:00:01	88.8	91.9	90.0
14:00:01	88.5	91.2	90.0
15:00:02	88.5	91.8	90.1
16:00:01	88.6	91.9	90.1
17:00:01	80.0	91.8	89.7
18:00:01	87.1	92.4	90.1
19:00:01	23.2	92.2	74.7
20:00:01	78.3	92.4	88.9
21:00:01	87.9	92.4	90.0
22:00:01	87.8	92.3	90.0
23:00:01	88.3	92.1	89.8
00:00:46	88.1	91.7	90.0

Avg = 90"

REPORT PRODUCED AT 00:00:46 ON Sun 06-13-1993

DAY #3

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: LIQUID / GAS RATIO (GAL/MCF)
TAG NUMBER : LG_RATIO

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	16.0	17.4	16.6
02:00:01	13.3	17.8	16.2
03:00:01	13.7	18.6	16.6
04:00:01	14.6	18.4	15.8
05:00:01	11.7	15.9	14.8
06:00:01	10.6	12.4	11.6
07:00:02	10.5	11.8	11.3

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: LIQUID / GAS RATIO (GAL/MCF)
TAG NUMBER : LG_RATIO

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
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DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: LIQUID / GAS RATIO (GAL/MCF)
TAG NUMBER : LG_RATIO

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
08:00:01	10.5	10.6	10.6
09:00:01	10.4	11.0	10.8
10:00:01	10.5	10.8	10.6
11:00:01	10.5	11.0	10.7
12:00:01	10.4	11.0	10.7
13:00:01	10.7	11.8	11.1
14:00:01	10.4	11.5	10.8
15:00:02	10.3	12.8	10.9
16:00:01	12.9	17.4	15.1
17:00:01	14.2	22.7	16.9
18:00:01	11.4	24.0	22.4
19:00:01	13.0	24.4	21.3
20:00:01	13.2	23.4	19.2
21:00:01	12.5	17.3	15.7
22:00:01	14.3	16.7	15.3
23:00:01	14.9	15.7	15.2
00:00:58	14.8	15.8	15.3

← 7:56 start

AVG = 10.8 gal/mcf

← 14:40 end

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: SCRUBBER SPRAY FLOW (GPM)
TAG NUMBER : FIT-65

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	280	291	286
02:00:01	278	293	286
03:00:01	278	293	286
04:00:01	278	293	286
05:00:01	278	292	286
06:00:01	280	291	286
07:00:02	279	294	286

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: SCRUBBER SPRAY FLOW (GPM)
TAG NUMBER : FIT-65

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
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DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: SCRUBBER SPRAY FLOW (GPM)
TAG NUMBER : FIT-65

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
08:00:01	275	287	281
09:00:01	274	287	281
10:00:01	274	287	281
11:00:01	274	286	281
12:00:01	275	287	281
13:00:01	275	286	281
14:00:01	275	286	280
15:00:02	277	284	281
16:00:01	276	301	290
17:00:01	269	303	295
18:00:01	291	300	296
19:00:01	289	300	296
20:00:01	289	300	296
21:00:01	290	304	296
22:00:01	289	301	296
23:00:01	288	301	295
00:00:55	288	301	295

AVG. = 280.9 gpm

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: CARBON MONOXIDE 60 MINUTE ROLLING AVERAGE (PPM)
TAG NUMBER : AIY-31

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	0.60	1.30	1.02
02:00:01	0.70	14.10	6.19
03:00:01	5.30	18.20	11.39
04:00:01	4.80	56.00	21.39
05:00:01	27.30	64.40	51.35
06:00:01	33.10	70.70	50.01
07:00:02	61.80	79.10	73.49

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: CARBON MONOXIDE 60 MINUTE ROLLING AVERAGE (PPM)
TAG NUMBER : AIY-31

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
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DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: CARBON MONOXIDE 60 MINUTE ROLLING AVERAGE (PPM)
TAG NUMBER : AIY-31

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
08:00:01	62.60	63.10	62.85
09:00:01	54.90	73.40	67.13
10:00:01	42.20	54.40	46.05
11:00:01	32.10	42.80	36.21
12:00:01	39.80	66.80	55.40
13:00:01	55.70	68.60	63.05
14:00:01	55.90	67.90	63.09
15:00:02	68.50	75.70	72.27
16:00:01	15.00	68.10	40.85
17:00:01	4.90	100.00	9.36
18:00:01	4.60	8.60	7.85
19:00:01	2.90	17.30	12.45
20:00:01	5.90	20.10	10.43
21:00:01	3.40	6.20	4.03
22:00:01	3.50	3.80	3.61
23:00:01	3.50	3.90	3.73
00:00:50	3.90	4.00	3.96

AVG. = 57.60

REPORT PRODUCED AT 00:00:50 ON Sun 06-13-1993

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: CEM CARBON DIOXIDE (%)
TAG NUMBER : AIT-31

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
01:00:01	8.7	9.7	9.0	0	Valid
02:00:01	8.6	12.2	9.5	0	Valid
03:00:01	7.8	10.6	8.9	0	Valid
04:00:01	0.1	10.4	7.4	0	Valid
05:00:01	0.0	10.3	5.2	0	Valid
06:00:01	7.7	9.5	8.6	0	Valid
07:00:02	7.6	9.9	9.1	0	Valid

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: CEM CARBON DIOXIDE (%)
TAG NUMBER : AIT-31

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
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DESCRIPTION: CEM CARBON DIOXIDE (%)
TAG NUMBER : AIT-31

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
08:00:01	9.8	10.0	9.9	0	Valid
09:00:01	9.7	10.3	10.0	0	Valid
10:00:01	10.0	10.4	10.2	0	Valid
11:00:01	10.0	10.4	10.3	0	Valid
12:00:01	10.0	10.6	10.4	0	Valid
13:00:01	10.2	10.7	10.4	0	Valid
14:00:01	10.0	10.7	10.4	0	Valid
15:00:02	10.0	10.6	10.3	0	Valid
16:00:01	6.4	10.6	9.5	0	Valid
17:00:01	6.3	9.2	8.4	0	Valid
18:00:01	4.7	9.8	5.9	0	Valid
19:00:01	0.1	9.4	6.0	0	Valid
20:00:01	7.0	10.2	8.2	0	Valid
21:00:01	7.8	10.6	9.7	0	Valid
22:00:01	9.6	10.2	9.8	0	Valid
23:00:01	9.5	10.0	9.8	0	Valid
00:00:39	9.5	10.0	9.7	0	Valid

REPORT PRODUCED AT 00:00:39 ON Sun 06-13-1993

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: CEM TOTAL HYDROCARBONS (PPM)
TAG NUMBER : AIT-68

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
01:00:01	5.2	8.8	6.9	0	Valid
02:00:01	0.0	9.0	5.8	0	Valid
03:00:01	0.0	8.1	4.4	0	Valid
04:00:01	0.0	5.8	3.4	0	Valid
05:00:01	0.0	5.9	1.3	0	Valid
06:00:01	1.1	4.5	2.4	0	Valid
07:00:02	0.4	5.2	2.0	0	Valid

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: CEM TOTAL HYDROCARBONS (PPM)
TAG NUMBER : AIT-68

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
DAILY ANALYSIS REPORT FOR Sat 06-12-1993					

DESCRIPTION: CEM TOTAL HYDROCARBONS (PPM)
TAG NUMBER : AIT-68

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
08:00:01	4.1	4.2	4.1	0	Valid
09:00:01	3.7	4.7	4.0	0	Valid
10:00:01	4.3	5.2	4.6	0	Valid
11:00:01	4.5	6.1	4.9	2	Valid
12:00:01	5.4	9.2	5.7	10	Valid
13:00:01	0.0	9.6	6.3	9	Valid
14:00:01	3.6	5.3	4.4	0	Valid
15:00:02	3.6	6.1	5.5	10	Valid
16:00:01	0.0	5.8	4.3	0	Valid
17:00:01	0.0	5.3	2.8	1	Valid
18:00:01	2.1	10.0	3.9	0	Valid
19:00:01	0.0	8.9	1.6	0	Valid
20:00:01	0.0	0.0	0.0	0	Valid
21:00:01	0.0	3.4	0.1	10	Valid
22:00:01	0.0	3.7	0.5	0	Valid
23:00:01	0.0	3.8	0.1	0	Valid
00:00:42	0.0	2.8	0.0	11	Valid

5.06 ppm

REPORT PRODUCED AT 00:00:42 ON Sun 06-13-1993

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: CEM NITROUS OXIDES (PPM)
TAG NUMBER : AIT-69

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
01:00:01	173.00	192.00	180.66	0	Valid
02:00:01	8.00	195.00	157.82	0	Valid
03:00:01	96.00	205.00	166.83	0	Valid
04:00:01	0.00	166.00	81.94	0	Valid
05:00:01	0.00	154.00	47.35	11	Valid
06:00:01	59.00	159.00	95.62	0	Valid
07:00:02	92.00	151.00	121.99	0	Valid

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: CEM NITROUS OXIDES (PPM)
TAG NUMBER : AIT-69

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
DAILY ANALYSIS REPORT FOR Sat 06-12-1993					

DESCRIPTION: CEM NITROUS OXIDES (PPM)
TAG NUMBER : AIT-69

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
08:00:01	116.00	137.00	125.33	0	Valid
09:00:01	107.00	160.00	135.70	0	Valid
10:00:01	105.00	154.00	128.51	0	Valid
11:00:01	112.00	158.00	136.43	0	Valid
12:00:01	95.00	147.00	118.57	0	Valid
13:00:01	99.00	164.00	130.24	0	Valid
14:00:01	95.00	157.00	130.74	0	Valid
15:00:02	104.00	175.00	134.99	0	Valid
16:00:01	112.00	249.00	163.98	0	Valid
17:00:01	137.00	206.00	185.71	0	Valid
18:00:01	35.00	230.00	112.66	0	Valid
19:00:01	0.00	221.00	123.79	0	Valid
20:00:01	99.00	214.00	172.46	0	Valid
21:00:01	149.00	208.00	185.75	0	Valid
22:00:01	167.00	205.00	191.40	0	Valid
23:00:01	184.00	195.00	190.28	0	Valid
00:00:42	184.00	203.00	191.45	0	Valid

Avg = 130.74 ppm

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: CEM SULFUR DIOXIDE (PPM)
TAG NUMBER : AIT-71

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
01:00:01	11.7	100.0	43.0	0	Valid
02:00:01	5.8	93.2	29.9	0	Valid
03:00:01	0.9	55.1	13.7	0	Valid
04:00:01	0.0	31.7	5.0	0	Valid
05:00:01	0.0	4.3	0.1	0	Valid
06:00:01	0.0	0.0	0.0	0	Valid
07:00:02	0.0	22.9	0.5	0	Valid

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: CEM SULFUR DIOXIDE (PPM)
TAG NUMBER : AIT-71

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
DAILY ANALYSIS REPORT FOR Sat 06-12-1993					

DESCRIPTION: CEM SULFUR DIOXIDE (PPM)
TAG NUMBER : AIT-71

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
08:00:01	3.9	5.8	4.7	0	Valid
09:00:01	0.4	501.9	169.6	0	Valid
10:00:01	0.9	501.9	158.9	0	Valid
11:00:01	0.0	451.6	57.7	0	Valid
12:00:01	0.4	501.9	131.5	0	Valid
13:00:01	1.4	501.9	172.4	0	Valid
14:00:01	1.4	501.9	150.4	0	Valid
15:00:02	2.4	501.9	176.0	0	Valid
16:00:01	0.0	501.9	77.2	0	Valid
17:00:01	0.0	6.8	3.0	0	Valid
18:00:01	3.9	85.9	5.0	0	Valid
19:00:01	3.4	5.3	4.1	0	Valid
20:00:01	3.9	4.8	4.2	0	Valid
21:00:01	2.4	5.3	4.0	0	Valid
22:00:01	1.4	3.9	2.6	0	Valid
23:00:01	0.9	2.4	1.6	0	Valid
00:00:43	0.4	2.9	1.4	0	Valid

AVG = 145.2 PPM

REPORT PRODUCED AT 00:00:43 ON Sun 06-13-1993

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: CEM HYDROCHLORIC ACID (PPM)
TAG NUMBER : AIT-72

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
01:00:01	0.0	4.7	1.9	0	Valid
02:00:01	0.0	5.0	1.8	0	Valid
03:00:01	0.0	4.5	1.6	0	Valid
04:00:01	0.0	5.4	1.3	0	Valid
05:00:01	0.0	2.5	0.5	0	Valid
06:00:01	0.0	3.2	0.6	0	Valid
07:00:02	0.0	3.6	0.5	0	Valid

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: CEM HYDROCHLORIC ACID (PPM)
TAG NUMBER : AIT-72

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
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DESCRIPTION: CEM HYDROCHLORIC ACID (PPM)
TAG NUMBER : AIT-72

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING	NO. OF INVALID SAMPLES OF 360 ATTEMPTED	ALL READINGS VALID/INVALID
08:00:01	0.0	2.5	1.5	0	Valid
09:00:01	0.0	5.7	1.7	0	Valid
10:00:01	0.0	7.7	3.8	0	Valid
11:00:01	0.6	9.3	4.6	0	Valid
12:00:01	1.7	12.0	6.5	0	Valid
13:00:01	0.1	10.7	5.7	0	Valid
14:00:01	0.0	6.6	2.0	0	Valid
15:00:02	0.0	4.5	1.6	0	Valid
16:00:01	0.0	15.9	2.0	0	Valid
17:00:01	0.9	13.5	5.5	0	Valid
18:00:01	4.4	13.7	9.0	0	Valid
19:00:01	1.8	11.2	6.2	0	Valid
20:00:01	1.0	14.3	8.3	0	Valid
21:00:01	7.4	20.7	13.8	0	Valid
22:00:01	12.6	22.0	17.6	0	Valid
23:00:01	14.5	22.6	19.3	0	Valid
00:00:43	16.6	25.1	21.2	0	Valid

Avg. = 3.7 ppm

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: INCINERATOR GAS FLOW (SCFM)
TAG NUMBER : FIT-09

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	260	280	272
02:00:01	262	439	329
03:00:01	225	478	326
04:00:01	268	407	308
05:00:01	293	478	336
06:00:01	402	473	434
07:00:02	422	472	448

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: INCINERATOR GAS FLOW (SCFM)
TAG NUMBER : FIT-09

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
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DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: INCINERATOR GAS FLOW (SCFM)
TAG NUMBER : FIT-09

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
08:00:01	446	459	453
09:00:01	421	465	446
10:00:01	433	465	451
11:00:01	426	457	442
12:00:01	416	459	438
13:00:01	354	441	406
14:00:01	411	468	436
15:00:02	342	466	429
16:00:01	267	351	302
17:00:01	270	310	279
18:00:01	224	411	278
19:00:01	0	511	280
20:00:01	301	375	335
21:00:01	340	521	392
22:00:01	359	484	404
23:00:01	386	424	400
00:00:57	363	413	390

Avg. = 435.4 scfm

REPORT PRODUCED AT 00:00:57 ON Sun 06-13-1993

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: SCRUBBER PACKING DIFFERENTIAL PRESSURE (INWC)
TAG NUMBER : PDIT-66B

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	3.1	3.6	3.3
02:00:01	3.2	5.4	3.7
03:00:01	3.0	4.6	3.5
04:00:01	3.1	4.1	3.7
05:00:01	3.4	6.0	4.0
06:00:01	5.4	6.5	5.9
07:00:02	5.4	6.6	6.0

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: SCRUBBER PACKING DIFFERENTIAL PRESSURE (INWC)
TAG NUMBER : PDIT-66B

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
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DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: SCRUBBER PACKING DIFFERENTIAL PRESSURE (INWC)
TAG NUMBER : PDIT-66B

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
08:00:01	5.1	5.2	5.2
09:00:01	4.2	5.0	4.7
10:00:01	4.4	4.8	4.6
11:00:01	4.3	4.9	4.7
12:00:01	4.3	4.9	4.6
13:00:01	3.4	4.6	4.1
14:00:01	4.2	4.9	4.5
15:00:02	3.1	5.5	4.7
16:00:01	1.6	3.1	2.2
17:00:01	1.5	1.8	1.7
18:00:01	1.0	2.3	1.1
19:00:01	0.7	3.5	1.2
20:00:01	1.3	2.1	1.7
21:00:01	1.8	4.7	2.5
22:00:01	2.3	3.1	2.5
23:00:01	2.3	2.9	2.6
00:00:49	2.1	2.9	2.5

Avg. = 4.56 in wc

REPORT PRODUCED AT 00:00:49 ON Sun 06-13-1993

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: TOTAL COMBUSTION AIR FLOW (SCFM)
TAG NUMBER : AIY-CE (FIT-16 + FIT-30)

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	4723	4876	4803
02:00:01	4728	7018	5211
03:00:01	4259	6563	5278
04:00:01	4704	4873	4804
05:00:01	4745	7252	5062
06:00:01	6388	7417	6862
07:00:02	6936	7433	7200

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: TOTAL COMBUSTION AIR FLOW (SCFM)
TAG NUMBER : AIY-CE (FIT-16 + FIT-30)

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
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DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: TOTAL COMBUSTION AIR FLOW (SCFM)
TAG NUMBER : AIY-CE (FIT-16 + FIT-30)

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
08:00:01	7262	7306	7279
09:00:01	6938	7445	7153
10:00:01	7072	7290	7188
11:00:01	7034	7309	7160
12:00:01	6909	7294	7106
13:00:01	6197	7159	6843
14:00:01	6966	7490	7169
15:00:02	6014	7497	7127
16:00:01	4520	6007	5182
17:00:01	4737	4907	4803
18:00:01	4599	4987	4801
19:00:01	4119	9337	4904
20:00:01	4643	4922	4804
21:00:01	4523	7147	5107
22:00:01	4761	5582	5145
23:00:01	5043	5276	5145
00:00:38	4938	5373	5154

AVG = 7107 scfm

REPORT PRODUCED AT 00:00:38 ON Sun 06-13-1993

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: QUENCH DENSITY (SGU)
TAG NUMBER : AIT-59

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	1.18	1.20	1.19
02:00:01	1.18	1.18	1.18
03:00:01	1.18	1.19	1.18
04:00:01	1.19	1.20	1.20
05:00:01	1.20	1.20	1.20
06:00:01	1.20	1.22	1.21
07:00:02	1.20	1.22	1.21

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: QUENCH DENSITY (SGU)
TAG NUMBER : AIT-59

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
DAILY ANALYSIS REPORT FOR Sat 06-12-1993			

DESCRIPTION: QUENCH DENSITY (SGU)
TAG NUMBER : AIT-59

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
08:00:01	1.20	1.20	1.20
09:00:01	1.19	1.20	1.20
10:00:01	1.18	1.19	1.19
11:00:01	1.18	1.19	1.18
12:00:01	1.19	1.21	1.20
13:00:01	1.21	1.21	1.21
14:00:01	1.20	1.21	1.20
15:00:02	1.19	1.20	1.19
16:00:01	1.19	1.19	1.19
17:00:01	1.19	1.30	1.20
18:00:01	1.18	1.20	1.19
19:00:01	1.17	1.18	1.18
20:00:01	1.17	1.17	1.17
21:00:01	1.17	1.18	1.18
22:00:01	1.18	1.19	1.19
23:00:01	1.19	1.20	1.20
00:00:47	1.19	1.20	1.19

Avg = 1.19

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

OWS #1

DESCRIPTION: SQI CHAMBER PRESSURE (PSIG)
TAG NUMBER : PIT-31

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
01:00:01	3.8	3.9	3.9
02:00:01	3.8	4.0	3.9
03:00:01	3.8	4.0	3.9
04:00:01	3.8	3.8	3.8
05:00:01	3.8	4.0	3.9
06:00:01	4.0	4.1	4.0
07:00:02	4.0	4.1	4.0

DAILY ANALYSIS REPORT FOR Sat 06-12-1993

DESCRIPTION: SQI CHAMBER PRESSURE (PSIG)
TAG NUMBER : PIT-31

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
DAILY ANALYSIS REPORT FOR Sat 06-12-1993			

DESCRIPTION: SQI CHAMBER PRESSURE (PSIG)
TAG NUMBER : PIT-31

DATA LOGGED BELOW COLLECTED FOR 60 MINUTES PRIOR TO THE LOG TIME.

DATA LOG TIME	MINIMUM READING	MAXIMUM READING	AVERAGE READING
08:00:01	0.0	4.1	4.1
09:00:01	4.0	4.1	4.0
10:00:01	4.0	4.1	4.0
11:00:01	4.0	4.1	4.0
12:00:01	4.0	4.1	4.0
13:00:01	3.9	4.1	4.0
14:00:01	4.0	4.1	4.0
15:00:02	3.9	4.1	4.0
16:00:01	3.8	3.9	3.8
17:00:01	3.7	3.9	3.8
18:00:01	3.7	3.9	3.8
19:00:01	2.2	3.9	3.5
20:00:01	3.5	3.9	3.7
21:00:01	3.7	4.0	3.8
22:00:01	3.8	3.9	3.8
23:00:01	3.8	3.9	3.9
00:00:01	3.8	3.9	3.8

AVG. = 4 psig

REPORT PRODUCED AT 00:00:01 ON Sun 06-13-1993

Sht. 1/4

POHC WEIGHT DATA SHEET

TEST RUN NO.: 1DATE: 6/10/93PERFORMED BY: SNH

TIME (every ¹⁵ 30 min.)	CARBON TET. Weight (lbs)	CHLOROBENZENE Weight (lbs)	REMARKS
0808	292.0	462.5	ADJUST CARBON TET 0.5 INCREASE STROKE
0823	290.0 (2.0)	460.0 (2.5)	
0838	288.5 (1.5)	458.0 (2.0)	
0853	287.0 (1.5)	456.0 (2.0)	
0908	285.0 (2.0)	453.5 (2.5)	
0923	283.5 (1.5)	451.5 (2.0)	
0938	281.5 (2.0)	449.5 (2.0)	
0953	279.5 (2.0)	447.0 (2.5)	
1008	278.0 (1.5)	445.0 (2.0)	
1023	276.5 (1.5)	443.0 (2.0)	
1038	274.5 (2.0)	440.5 (2.5)	
1053	273.0 (1.5)	438.5 (2.0)	
1108	271.0 (2.0)	436.5 (2.0)	
1115 1123	270.5	435.5	End Test
1138			
1153	$\Delta W = 21.5 \text{ lbs}$	$\Delta W = 27 \text{ lbs}$	
1208	time = 3 hrs 7 min	= 187 mins = 3.17 hrs	
Feedrate	6.90 lb/hr	8.66 lb/hr	

started
VOST
=

POHC WEIGHT DATA SHEET

 TEST RUN NO.: 1

 DATE: 6/10/93

 PERFORMED BY: ADH

TIME (every ¹⁵ / ₃₀ min.)	CARBON TET. Weight (lbs)	CHLOROBENZENE Weight (lbs)	REMARKS
0600	306.0	480.0	Initial startup
0700	299.5 (6.5)	472.0 (8.0)	
0730	296.0 (3.5)	467.5 (4.5)	
0745	295.0 (1.0)	466.0 (1.5)	
0800	293.5 (1.5)	464.0 (2.0)	ADJUST CARBON TET 0.5 INCREASE
0815	291.0 (2.5)	461.5 (2.5)	START VOST @ 0808
0830	289.5 (1.5)	459.0 (2.5)	
0845	287.5 (2.0)	457.0 (2.0)	
0900	286.0 (1.5)	455.0 (2.0)	
0915	284.5 (1.5)	452.5 (2.5)	
0930	282.5 (2.0)	450.5 (2.0)	
0945	281.0 (1.5)	448.5 (2.0)	
1000	279.0 (2.0)	446.0 (2.5)	
1015	277.0 (2.0)	444.0 (2.0)	
1030	275.5 (1.5)	442.0 (2.0)	
1045	274.0 (1.5)	439.5 (2.5)	
1100	272.0 (2.0)	437.5 (2.0)	
1115	270.5 (1.5)	435.5 (2.0)	END VOST @ 1125
1130	268.0 (2.5)	432.5 (3.0)	ADJUST CARBON TET 0.5 INCREASE 1125

 CARBON TET: speed 96% stroke 85%
 Chem. pump

BASF.50%\kma

 Chloro Benzene: speed 96% stroke 38%
 Chem pump

POHC WEIGHT DATA SHEET

TEST RUN NO.: 1DATE: 6/10/93PERFORMED BY: WJH

TIME (every 15 min.)	CARBON TET. Weight (lbs)	CHLOROBENZENE Weight (lbs)	REMARKS
1145	266.5 (1.5)	430.5 (2.0)	
1200	264.5 (2.0)	428.5 (2.0)	
1210	263.5	427.5	Shut Down Waste Feed to Blow down Nozzles
1230			
1245			
1300			
1315			
1330			
1345			
1400			
1415			
1430			
1445			
1500			
1515			
1530			
1545			
1600			
1615			

POHC WEIGHT DATA SHEET

TEST RUN NO.: 1

DATE: 6/10/93

PERFORMED BY: NGH

TIME (every ¹⁵ 20 min.)	CARBON TET. Weight (lbs)	CHLOROBENZENE Weight (lbs)	REMARKS
1402	247.5	410.0	Start up
1417	246.0 (1.5)	408.0 (2.0)	
1432	244.0 (2.0)	406.0 (2.0)	
1447	242.0 (2.0)	403.5 (2.5)	
1502	239.5 (2.5)	401.0 (2.5)	
1517	237.5 (2.0)	399.0 (2.0)	
1532	236.0 (1.5)	396.5 (2.5)	INCREASE CARBON TET To 90% Stroke
1547	234.0 (2.0)	394.5 (2.0)	
1602	231.5 (2.5)	392.0 (2.5)	
1617	229.5 (2.0)	390.0 (2.0)	
1630	227.5 (2.0)	388.0 (2.0)	Test complete

POHC WEIGHT DATA SHEET

TEST RUN NO.: 2DATE: 6/11/93PERFORMED BY: ggg

TIME (every 30 min.)	CARBON TET. Weight (lbs)	CHLOROBENZENE Weight (lbs)	REMARKS
0740	221.0	381.5	START VOST TEST
0755	219.0 (2.0)	379.0 (2.5)	
0810	217.0 (2.0)	377.0 (2.0)	
0825	215.0 (2.0)	374.5 (2.5)	
0840	212.5 (2.5)	372.5 (2.0)	
0855	210.5 (2.0)	370.0 (2.5)	
0910	208.0 (2.5)	268.0 (2.0)	
0925	206.0 (2.0)	365.5 (2.5)	
0940	204.0 (2.0)	363.5 (2.0)	
0955	201.5 (2.5)	361.0 (2.5)	
1010	199.5 (2.0)	359.0 (2.0)	
1025	197.5 (2.0)	356.5 (2.5)	
1040	195.0 (2.5)	354.5 (2.0)	
1055 1047	194.0 (1.0)	353.5 (1.0)	END VOST TEST
3 hrs., 7 min	27 lbs	28 lbs	
	8.66 lb/hr	8.98 lb/hr	

POHC WEIGHT DATA SHEET

 TEST RUN NO.: 2

 DATE: 6/11/93

 PERFORMED BY: NGH

TIME (every ¹⁵ 30 min.)	CARBON TET. Weight (lbs)	CHLOROBENZENE Weight (lbs)	REMARKS
0700	226.5	387.0	INITIAL START-UP
0715	224.0 (2.5)	385.0 (2.0)	
0730	222.5 (1.5)	382.5 (2.5)	IAN took samples 0722
0745	220.5 (2.0)	380.5 (2.0)	STARTED VOST TEST 0740
0800	218.5 (2.0)	378.5 (2.0)	
0815	216.5 (2.0)	376.5 (2.0)	
0830	214.0 (2.5)	374.0 (2.5)	
0845	212.0 (2.0)	371.5 (2.5)	
0900	209.5 (2.5)	369.5 (2.0)	
0915	207.5 (2.0)	367.0 (2.5)	
0930	205.5 (2.0)	365.0 (2.0)	
0945	203.0 (2.5)	362.5 (2.5)	
1000	201.0 (2.0)	360.5 (2.0)	
1015	199.0 (2.0)	358.0 (2.5)	
1030	196.5 (2.5)	356.0 (2.0)	
1045	194.5 (2.0)	353.5 (2.5)	
1100	192.0 (2.5)	351.5 (2.0)	END VOST TEST 1047
1115	190.0 (2.0)	349.0 (2.5)	
1130	188.0 (2.0)	347.0 (2.0)	

POHC WEIGHT DATA SHEET

TEST RUN NO.: 2

DATE: 6/11/93

PERFORMED BY: 0924 / MOI

[illegible]

POHC WEIGHT DATA SHEET

TEST RUN NO.: 3DATE: 6/12/93PERFORMED BY: YJH

TIME (every 15 min.)	CARBON TET. Weight (lbs)	CHLOROBENZENE Weight (lbs)	REMARKS
0630	758.0	325.0	INITIAL START-UP
0645	757.0 (1.0)	323.5 (1.5)	
0700	755.0 (2.0)	321.0 (2.5)	
0715	753.0 (2.0)	319.0 (2.0)	
0730	751.0 (2.0)	317.0 (2.0)	
0745	749.0 (2.0)	314.5 (2.5)	
0800	747.0 (2.0)	312.5 (2.0)	START RUN
0815	745.0 (2.0)	310.0 (2.5)	
0830	743.0 (2.0)	308.0 (2.0)	START VOST TEST
0845	741.0 (2.0)	306.0 (2.0)	
0900	738.5 (2.5)	303.5 (2.5)	
0915	736.5 (2.0)	301.5 (2.0)	
0930	734.5 (2.0)	299.5 (2.0)	
0945	732.0 (2.5)	297.0 (2.5)	
1000	730.0 (2.0)	295.0 (2.0)	
1015	728.0 (2.0)	292.5 (2.5)	
1030	725.5 (2.5)	290.0 (2.5)	
1045	723.5 (2.0)	288.0 (2.0)	
1100	721.0 (2.5)	286.0 (2.0)	

BASF.50%\kma

$$\begin{array}{r} 743 \\ - 717.5 \\ \hline 25.5 \text{ lbs} \end{array}$$

$$\begin{array}{r} 308 \\ - 282.5 \\ \hline 25.5 \text{ lbs} \end{array}$$

$$\text{time} = 180 - 6 = 174 \text{ min} = 2.9 \text{ hrs}$$

POHC WEIGHT DATA SHEET

TEST RUN NO.: 3DATE: 6/12/93PERFORMED BY: NGH

TIME (every ¹⁵ min.)	CARBON TET. Weight (lbs)	CHLOROBENZENE Weight (lbs)	REMARKS
1115	719.0 (2.0)	283.5 (2.5)	
1120 1124	717.5 (1.5)	282.5 (1.0)	Test Complete
1130	717.0 (0.5)	281.5 (1.0)	
1145	715.0 (2.0)	279.5 (2.0)	
1200	712.5 (2.5)	277.0 (2.5)	
1215	710.5 (2.0)	275.0 (2.0)	
1230	708.5 (2.0)	272.5 (2.5)	
1245	706.0 (2.5)	270.5 (2.0)	
1300	704.0 (2.0)	268.0 (2.5)	
1315	701.5 (2.5)	266.0 (2.0)	
1330	699.5 (2.0)	263.5 (2.5)	
1345	697.5 (2.0)	261.5 (2.0)	
1400	695.5 (2.0)	259.5 (2.0)	
1415	693.0 (2.5)	257.0 (2.5)	
1430	691.0 (2.0)	255.0 (2.0)	
1445	689.0	253.5	END OF RUN
Feedrate	$\frac{25.5}{2.9} = 8.79 \text{ lb/hr}$	$\frac{25.5}{2.9} = 8.79 \text{ lb/hr}$	

September, 1993

SECTION A.1.5

pH READINGS FOR 10 JUNE 1993

Time	Quench Tank (AIT-64B)		Scrubber (AIT-56B)	
	Field	PMCS	Field	PMCS
0735	4.3	5.38	5.2	5.54
0848	5.3	5.66	5.7	5.90
1000	5.1	5.65	6.2	6.44
1045	5.3	5.69	5.8	5.90
1145	5.1	5.69	5.6	5.68
1330	4.8	5.72	5.9	5.70
1500	5.1	5.70	5.8	6.08
Average	5.00	5.64	5.74	5.89

September, 1993

SECTION A.1.5

pH READINGS FOR 11 JUNE 1993

Time	Quench Tank (AIT-64B)		Scrubber (AIT-56B)	
	Field	PMCS	Field	PMCS
0512	4.96	5.5	6.35	6.4
0710	---	5.64	6.4	6.7
0844	5.4	5.95	5.9	6.0
0950	5.2	6.05	5.9	5.97
1021	4.79	5.95	6.67	6.78
1049	4.6	5.91	5.4	5.45
1120	5.08	5.96	6.15	6.29
1158	5.4	6.05	6.0	6.17
1226	5.6	6.14	5.9	6.0
1255	5.8	6.24	6.2	6.24
1335	5.7	6.31	5.95	5.95
Average	5.25	5.97	6.07	6.18

September, 1993

SECTION A.1.5

pH READINGS FOR 12 JUNE 1993

Time	Quench Tank (AIT-64B)		Scrubber (AIT-56B)	
	Field	PMCS	Field	PMCS
0706	5.1	6.21	6.1	6.07
0730	5.14	6.2	5.8	5.9
0757	5.2	6.22	5.6	5.44
0828	5.1	6.18	5.3	5.13
0855	5.1	6.2	5.54	5.39
0924	5.16	6.21	5.6	5.44
0957	5.1	6.19	5.2	5.03
1034	5.13	6.21	6.02	6.01
1054	5.1	6.2	5.7	5.7
1126	5.1	6.2	5.49	5.5
1205	5.16	6.2	5.16	5.06
1230	5.05	6.2	5.11	5.05
1256	5.15	6.2	5.22	5.02
1323	5.11	6.2	5.2	5.1
1401	5.1	6.2	5.2	5.1
Average	5.12	6.20	5.48	5.40

FIELD PH READINGS 10 June 93

quench pH Avg. = 5.0 pH
Scrubber pH Avg. = 5.74 pH

		<u>PHCS</u>	<u>FIELD</u>
0735			
	AIT-64B quench	5.38	4.3
	AIT-59B	1.19	1.173 (corrected)
	AIT-56B scrubber	5.54	5.2
0848	AIT-64B	5.66	5.3
	AIT-59B	1.19	1.182 (corrected)
	AIT-56B	5.9	5.7
1000	AIT-64B	5.65	5.1
	AIT-59B	1.19	1.172 (corrected)
	AIT-56B	6.44	6.2
1045	AIT-64B	5.69	5.3
	AIT-59B	1.19	1.172 (corrected)
	AIT-56B	5.90	5.8
1145	AIT-64B	5.69	5.1
	AIT-59B	1.18	1.172 (corrected)
	AIT-56B	5.68	5.6
1330	AIT-64B	5.72	4.8
	AIT-59B	1.19	1.18
	AIT-56B	5.70	5.9
1500	AIT-64B	5.70	5.1
	AIT-59B	1.20	1.191 (corrected)
	AIT-56B	6.08	5.8

Thal Barn Friday, 11 June '93

10 June 93

PMCS

Field

~~1948~~ 2354

~~AIT-64B (Quench) 5.7~~

~~4.84~~

~~AIT-56B 6.0~~

~~6.07~~

~~AIT-59B 1.19~~

~~1.179 (corrected)~~

11 June 93
0512

5th

~~AIT-64B 5.5~~

~~4.96~~

~~AIT-56B 6.4~~

~~6.35~~

~~AIT-59B 1.19~~

~~1.172 (corrected)~~

0710

AIT-64B 5.64

—

AIT-56B 6.7

6.4

AIT-59B 1.20

1.181

0844

AIT-64B 5.95

5.4

AIT-59B 1.19

1.172

AIT-56B 6.00

5.9

0950

AIT-64B 6.05

~~4.47~~ 5.2

AIT-59B 1.18

1.17

AIT-56B 5.97

5.9

1021

AIT-64B 5.96

4.79

AIT-56B 6.78

6.67

AIT-59B 1.19

1.82 (corrected)

1049

AIT-64B 5.91

4.6

AIT-56B 5.45

5.4

AIT-59B 1.19

1.172

Trial Burn
Friday, 11 June 93
PMCS

pg 2

Field

1120	AIT-64B	5.96	5.08
	AIT-59B	1.20	1.18
	AIT-56B	6.29	6.15
1158	AIT-64B	6.05	5.4
	AIT-59B	1.21	1.191 (corrected)
	AIT-56B	6.17	6.0
1226	AIT-64B	6.14	5.6
	AIT-59B	1.21	1.194
	AIT-56B	6.0	5.9
1255	AIT-64B	6.24	5.8
	AIT-59B	1.21	1.193 (corrected)
	AIT-56B	6.24	6.2
1335	AIT-64B	6.31	5.7
	AIT-59B	1.20	1.184 (corrected)
	AIT-56B	5.95	5.95

12 June '93
Treal Burn

pg 1

<u>Time</u>		<u>Field</u>	<u>PMCS</u>
0706	AIT-64A	5.1	6.21
	AIT-59A	1.190 (corrected)	1.20
	AIT-56B	6.1	6.07
0730	AIT-64A	5.14	6.2
	AIT-59A	1.191 (c)	1.21
	AIT-56B	5.8	3.9
0757	AIT-64A	5.2	6.22
	AIT-59A	1.190	1.20
	AIT-56B	5.6	5.44
0828	AIT-64A	5.1	6.18
	AIT-59A	1.19	1.20
	AIT-56B	5.3	5.13
0855	AIT-64A	5.10	6.20
	AIT-59A	1.182	1.19
	AIT-56B	5.54	5.39
0924	AIT-64A	5.16	6.21
	AIT-59A	1.184 (corrected)	1.18
	AIT-56B	5.6	5.44

12 June '93
Tidal Basin

pg 2

		<u>Field</u>	<u>PMCS</u>
0957	AIT-64A	5.1	6.19
	AIT-59A	1.170	1.18
	AIT-56B	5.2	5.03
1034	AIT-64A	5.13	6.21
	AIT-59A	1.183	1.18
	AIT-56B	6.02	6.01
1054	AIT-64A	5.1	6.2
	AIT-59A	1.182	1.19
	AIT-56B	5.7	5.7
1126	AIT-64A	6.2 5.1	5.7 6.2
	AIT-59A	1.20	1.192
	AIT-56B	5.49	5.5
1205	AIT-64A	5.16	6.20
	AIT-59A	1.202	1.21
	AIT-56B	5.16	5.06
1230	AIT-64A	5.05	6.20
	- 59A	1.202	1.21
	- 56B	5.11	5.05
1256	AIT-64A	5.15	6.2
	- 59A	1.193	1.21
	- 56B	5.22	5.02

12 June 93
Trial Run

pg 3

1323

AIT-64A

Field

5.11

PMCS

6.2

AIT-59A

1.192

1.20

AIT-56B

5.2

5.1

1401

AIT-64A

~~6.2~~ 5.1

~~5.1~~ 6.2

AIT-59A

~~1.20~~ 1.182

~~1.182~~ 1.20

AIT-56B

5.2

~~5.1~~ 5.1

Test Start 7:45am

06-10-93	07:05:15	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-10-93	07:05:18	* TAH46	NORMAL of 06-10-93 07:05:15		0
06-10-93	07:05:21	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-10-93	07:05:24	* TAH46	NORMAL of 06-10-93 07:05:21		0
06-10-93	07:05:25	* TAH46	ACK of 06-10-93 07:05:21		0
06-10-93	07:05:25	* TAH46	ACK of 06-10-93 07:05:15		0
06-10-93	07:05:25	* TAH46	ACK of 06-10-93 07:04:57		0
06-10-93	07:05:39	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-10-93	07:05:42	* TAH46	NORMAL of 06-10-93 07:05:39		0
06-10-93	07:05:43	* TAH46	ACK of 06-10-93 07:05:39		0
06-10-93	07:05:45	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-10-93	07:06:00	* TAH46	NORMAL of 06-10-93 07:05:45		0
06-10-93	07:06:12	* PDAH53	VENTURI HI DIFF PRESSURE, 90.6 IN WC		
06-10-93	07:06:12	PDAH53	ACK of 06-10-93 07:06:12		90.59
06-10-93	07:06:12	* TAH46	ACK of 06-10-93 07:05:45		0
06-10-93	07:06:12	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-10-93	07:06:15	PDAH53	NORMAL of 06-10-93 07:06:12		89.45
06-10-93	07:06:18	* TAH46	NORMAL of 06-10-93 07:06:12		0
06-10-93	07:06:21	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-10-93	07:06:41	TAH46	ACK of 06-10-93 07:06:21		0
06-10-93	07:06:41	* TAH46	ACK of 06-10-93 07:06:12		0
06-10-93	07:06:48	TAH46	NORMAL of 06-10-93 07:06:21		0
06-10-93	07:06:54	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-10-93	07:06:57	* TAH46	NORMAL of 06-10-93 07:06:54		0
06-10-93	07:07:03	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-10-93	07:07:05	TAH46	ACK of 06-10-93 07:07:03		0
06-10-93	07:07:05	* TAH46	ACK of 06-10-93 07:06:54		0
06-10-93	07:07:12	TAH46	NORMAL of 06-10-93 07:07:03		0
06-10-93	07:07:18	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-10-93	07:07:21	TAH46	ACK of 06-10-93 07:07:18		0
06-10-93	07:07:24	LAH84A	NORMAL of 06-10-93 06:31:21		3.45e+004
06-10-93	07:07:27	TAH46	NORMAL of 06-10-93 07:07:18		0
06-10-93	07:07:30	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-10-93	07:07:33	* TAH46	NORMAL of 06-10-93 07:07:30		0
06-10-93	07:07:36	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-10-93	07:07:47	TAH46	ACK of 06-10-93 07:07:36		0
06-10-93	07:07:47	* TAH46	ACK of 06-10-93 07:07:30		0
06-10-93	07:07:54	TAH46	NORMAL of 06-10-93 07:07:36		0
06-10-93	07:08:00	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-10-93	07:08:15	* TAH46	NORMAL of 06-10-93 07:08:00		0
06-10-93	07:08:15	* TAH46	ACK of 06-10-93 07:08:00		0
06-10-93	07:08:18	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-10-93	07:08:21	* TAH46	NORMAL of 06-10-93 07:08:18		0
06-10-93	07:08:24	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-10-93	07:08:31	TAH46	ACK of 06-10-93 07:08:24		0
06-10-93	07:08:31	* TAH46	ACK of 06-10-93 07:08:18		0
06-10-93	07:08:33	TAH46	NORMAL of 06-10-93 07:08:24		0
06-10-93	07:08:36	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-10-93	07:08:39	* TAH46	NORMAL of 06-10-93 07:08:36		0
06-10-93	07:08:42	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-10-93	07:08:50	* DEV_OFF	DEVELOPMENT PLC OFFLINE		
06-10-93	07:09:01	DEV_OFF	ACK of 06-10-93 07:08:50		
06-10-93	07:09:01	TAH46	ACK of 06-10-93 07:08:42		0
06-10-93	07:09:01	* TAH46	ACK of 06-10-93 07:08:36		0
06-10-93	07:09:03	TAH46	NORMAL of 06-10-93 07:08:42		0
06-10-93	07:09:04	DEV_OFF	NORMAL of 06-10-93 07:08:50		
06-10-93	07:09:06	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-10-93	07:09:18	* TAH46	NORMAL of 06-10-93 07:09:06		0
06-10-93	07:09:21	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-10-93	07:09:24	TAH46	ACK of 06-10-93 07:09:21		0

06-10-93	07:09:24	* TAH46	ACK of 06-10-93 07:09:06	0
06-10-93	07:09:33	TAH46	NORMAL of 06-10-93 07:09:21	0
06-10-93	07:09:36	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-10-93	07:09:39	TAH46	ACK of 06-10-93 07:09:36	0
06-10-93	07:09:48	TAH46	NORMAL of 06-10-93 07:09:36	0
06-10-93	07:09:51	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-10-93	07:09:57	TAH46	ACK of 06-10-93 07:09:51	0
06-10-93	07:10:03	TAH46	NORMAL of 06-10-93 07:09:51	0
06-10-93	07:10:06	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-10-93	07:10:12	TAH46	ACK of 06-10-93 07:10:06	0
06-10-93	07:10:54	TAH46	NORMAL of 06-10-93 07:10:06	0
06-10-93	07:10:57	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	10
06-10-93	07:11:03	AAH515	NORMAL of 06-10-93 06:32:54	10
06-10-93	07:11:06	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL
06-10-93	07:11:08	AAH515	ACK of 06-10-93 07:11:06	10
06-10-93	07:11:08	TAH46	ACK of 06-10-93 07:10:57	0
06-10-93	07:11:09	TAH46	NORMAL of 06-10-93 07:10:57	0
06-10-93	07:11:12	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-10-93	07:11:18	* TAH46	NORMAL of 06-10-93 07:11:12	0
06-10-93	07:11:21	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-10-93	07:11:34	TAH46	ACK of 06-10-93 07:11:21	0
06-10-93	07:11:34	* TAH46	ACK of 06-10-93 07:11:12	0
06-10-93	07:13:15	FAD15C	NORMAL of 06-10-93 06:58:06	135
06-10-93	07:15:03	* AAL30	LOW 02 LEVEL IN STACK, 3.0 PERCENT	3.1
06-10-93	07:15:15	* AAL30	NORMAL of 06-10-93 07:15:03	10
06-10-93	07:15:54	AAH515	NORMAL of 06-10-93 07:11:06	10
06-10-93	07:16:09	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL
06-10-93	07:16:23	AAH515	ACK of 06-10-93 07:16:09	10
06-10-93	07:16:23	* AAL30	ACK of 06-10-93 07:15:03	3.5
06-10-93	07:19:00	AAH515	NORMAL of 06-10-93 07:16:09	10
06-10-93	07:19:06	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL
06-10-93	07:19:15	AAH515	ACK of 06-10-93 07:19:06	10
06-10-93	07:23:03	AAH515	NORMAL of 06-10-93 07:19:06	10
06-10-93	07:23:36	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL
06-10-93	07:24:33	AAH515	ACK of 06-10-93 07:23:36	9
06-10-93	07:25:06	TAH46	NORMAL of 06-10-93 07:11:21	0
06-10-93	07:25:09	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	10
06-10-93	07:25:12	AAH515	NORMAL of 06-10-93 07:23:36	0
06-10-93	07:25:18	* TAH46	NORMAL of 06-10-93 07:25:09	10
06-10-93	07:25:18	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL
06-10-93	07:25:21	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-10-93	07:25:27	* TAH46	NORMAL of 06-10-93 07:25:21	0
06-10-93	07:25:30	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-10-93	07:25:33	* TAH46	NORMAL of 06-10-93 07:25:30	0
06-10-93	07:25:36	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-10-93	07:25:38	TAH46	ACK of 06-10-93 07:25:36	0
06-10-93	07:25:38	* TAH46	ACK of 06-10-93 07:25:30	0
06-10-93	07:25:38	* TAH46	ACK of 06-10-93 07:25:21	0
06-10-93	07:25:38	AAH515	ACK of 06-10-93 07:25:18	10
06-10-93	07:25:38	* TAH46	ACK of 06-10-93 07:25:09	0
06-10-93	07:25:39	TAH46	NORMAL of 06-10-93 07:25:36	0
06-10-93	07:25:45	AAH515	NORMAL of 06-10-93 07:25:18	10
06-10-93	07:25:48	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL
06-10-93	07:25:51	* AAH515	NORMAL of 06-10-93 07:25:48	10
06-10-93	07:25:54	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL
06-10-93	07:26:00	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-10-93	07:26:03	* TAH46	NORMAL of 06-10-93 07:26:00	0
06-10-93	07:27:23	* TAH46	ACK of 06-10-93 07:26:00	0
06-10-93	07:27:23	AAH515	ACK of 06-10-93 07:25:54	10
06-10-93	07:27:23	* AAH515	ACK of 06-10-93 07:25:48	10

06-10-93	07:27:42	AAH515	NORMAL of 06-10-93 07:25:54	10
06-10-93	07:27:45	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL
06-10-93	07:27:48	* AAH515	NORMAL of 06-10-93 07:27:45	9
06-10-93	07:27:51	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	07:27:54	* AAH515	NORMAL of 06-10-93 07:27:51	9
06-10-93	07:28:00	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL
06-10-93	07:28:15	* AAH515	NORMAL of 06-10-93 07:28:00	10
06-10-93	07:28:21	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL
06-10-93	07:28:24	AAH515	ACK of 06-10-93 07:28:21	9
06-10-93	07:28:25	* AAH515	ACK of 06-10-93 07:28:00	9
06-10-93	07:28:25	* AAH515	ACK of 06-10-93 07:27:51	9
06-10-93	07:28:25	* AAH515	ACK of 06-10-93 07:27:45	9
06-10-93	07:28:30	AAH515	NORMAL of 06-10-93 07:28:21	9
06-10-93	07:28:33	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL
06-10-93	07:28:36	* AAH515	NORMAL of 06-10-93 07:28:33	10
06-10-93	07:28:39	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL
06-10-93	07:28:44	AAH515	ACK of 06-10-93 07:28:39	10
06-10-93	07:28:44	* AAH515	ACK of 06-10-93 07:28:33	10
06-10-93	07:28:45	AAH515	NORMAL of 06-10-93 07:28:39	10
06-10-93	07:28:48	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL
06-10-93	07:28:51	* AAH515	NORMAL of 06-10-93 07:28:48	10
06-10-93	07:29:06	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL
06-10-93	07:29:15	* AAH515	NORMAL of 06-10-93 07:29:06	9
06-10-93	07:29:21	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	07:29:24	* AAH515	NORMAL of 06-10-93 07:29:21	9
06-10-93	07:29:27	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	07:29:27	AAH515	ACK of 06-10-93 07:29:27	9
06-10-93	07:29:27	* AAH515	ACK of 06-10-93 07:29:21	9
06-10-93	07:29:27	* AAH515	ACK of 06-10-93 07:29:06	9
06-10-93	07:29:27	* AAH515	ACK of 06-10-93 07:28:48	9
06-10-93	07:29:30	AAH515	NORMAL of 06-10-93 07:29:27	9
06-10-93	07:29:42	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	07:29:45	* AAH515	NORMAL of 06-10-93 07:29:42	10
06-10-93	07:29:45	* AAH515	ACK of 06-10-93 07:29:42	10
06-10-93	07:29:51	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	07:29:54	* AAH515	NORMAL of 06-10-93 07:29:51	9
06-10-93	07:30:03	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL
06-10-93	07:30:06	* AAH515	NORMAL of 06-10-93 07:30:03	10
06-10-93	07:30:09	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL
06-10-93	07:30:12	* AAH515	NORMAL of 06-10-93 07:30:09	10
06-10-93	07:30:18	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL
06-10-93	07:30:20	AAH515	ACK of 06-10-93 07:30:18	10
06-10-93	07:30:21	* AAH515	ACK of 06-10-93 07:30:09	10
06-10-93	07:30:21	* AAH515	ACK of 06-10-93 07:30:03	10
06-10-93	07:30:21	* AAH515	ACK of 06-10-93 07:29:51	10
06-10-93	07:30:21	AAH515	NORMAL of 06-10-93 07:30:18	10
06-10-93	07:30:24	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	07:30:33	* AAH515	NORMAL of 06-10-93 07:30:24	10
06-10-93	07:30:36	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL
06-10-93	07:30:42	* AAH515	NORMAL of 06-10-93 07:30:36	10
06-10-93	07:30:45	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL
06-10-93	07:31:09	* AAH515	NORMAL of 06-10-93 07:30:45	10
06-10-93	07:31:18	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL
06-10-93	07:31:26	AAH515	ACK of 06-10-93 07:31:18	10
06-10-93	07:31:26	* AAH515	ACK of 06-10-93 07:30:45	10
06-10-93	07:31:26	* AAH515	ACK of 06-10-93 07:30:36	10
06-10-93	07:31:26	* AAH515	ACK of 06-10-93 07:30:24	10
06-10-93	07:32:00	AAH515	NORMAL of 06-10-93 07:31:18	10
06-10-93	07:32:03	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	07:32:09	* AAH515	NORMAL of 06-10-93 07:32:03	10

06-10-93	07:32:12	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL
06-10-93	07:32:15	* AAH515	NORMAL of 06-10-93 07:32:12	10
06-10-93	07:32:18	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	07:32:33	* AAH515	NORMAL of 06-10-93 07:32:18	10
06-10-93	07:32:36	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL
06-10-93	07:32:45	* AAH515	NORMAL of 06-10-93 07:32:36	9
06-10-93	07:32:48	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-10-93	07:32:51	* FAD48	DEV FLOW SCRUBBER MAKEUP, FLOW= 36.6 GPM	
06-10-93	07:32:54	* FAH04A	NORMAL of 06-10-93 07:32:48	177
06-10-93	07:32:54	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	07:32:57	* AAH515	NORMAL of 06-10-93 07:32:54	9
06-10-93	07:33:03	* AAH515	ACK of 06-10-93 07:32:54	9
06-10-93	07:33:03	FAD48	ACK of 06-10-93 07:32:51	35.1
06-10-93	07:33:03	* FAH04A	ACK of 06-10-93 07:32:48	175
06-10-93	07:33:03	* AAH515	ACK of 06-10-93 07:32:36	9
06-10-93	07:33:03	* AAH515	ACK of 06-10-93 07:32:18	9
06-10-93	07:33:04	* AAH515	ACK of 06-10-93 07:32:12	9
06-10-93	07:33:04	* AAH515	ACK of 06-10-93 07:32:03	9
06-10-93	07:34:15	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	07:34:17	AAH515	ACK of 06-10-93 07:34:15	9
06-10-93	07:34:18	AAH515	NORMAL of 06-10-93 07:34:15	10
06-10-93	07:34:39	FAD48	NORMAL of 06-10-93 07:32:51	20.93
06-10-93	07:34:51	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	07:34:54	* AAH515	NORMAL of 06-10-93 07:34:51	9
06-10-93	07:35:03	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	07:35:06	* AAH515	NORMAL of 06-10-93 07:35:03	9
06-10-93	07:35:06	* AAH515	ACK of 06-10-93 07:35:03	9
06-10-93	07:35:06	* AAH515	ACK of 06-10-93 07:34:51	9
06-10-93	07:35:30	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	07:35:33	* AAH515	NORMAL of 06-10-93 07:35:30	9
06-10-93	07:36:09	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	07:36:12	* AAH515	NORMAL of 06-10-93 07:36:09	9
06-10-93	07:36:16	* AAH515	ACK of 06-10-93 07:36:09	9
06-10-93	07:36:16	* AAH515	ACK of 06-10-93 07:35:30	9
06-10-93	07:36:24	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93	07:36:26	FAL65	ACK of 06-10-93 07:36:24	290
06-10-93	07:36:30	FAL65	NORMAL of 06-10-93 07:36:24	290
06-10-93	07:36:33	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 177 LB/MIN	
06-10-93	07:36:33	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93	07:36:36	* FAH04A	NORMAL of 06-10-93 07:36:33	180
06-10-93	07:36:36	* FAL65	NORMAL of 06-10-93 07:36:33	290
06-10-93	07:36:41	* FAL65	ACK of 06-10-93 07:36:33	290
06-10-93	07:36:41	* FAH04A	ACK of 06-10-93 07:36:33	178
06-10-93	07:36:48	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 289 GPM	
06-10-93	07:36:54	* FAL65	NORMAL of 06-10-93 07:36:48	289
06-10-93	07:37:03	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93	07:37:03	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	07:37:06	AAH515	ACK of 06-10-93 07:37:03	9
06-10-93	07:37:06	FAL65	ACK of 06-10-93 07:37:03	291
06-10-93	07:37:06	* FAL65	ACK of 06-10-93 07:36:48	291
06-10-93	07:37:09	FAL65	NORMAL of 06-10-93 07:37:03	291
06-10-93	07:37:09	AAH515	NORMAL of 06-10-93 07:37:03	9
06-10-93	07:37:24	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	07:37:24	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL
06-10-93	07:37:27	* TAH46	NORMAL of 06-10-93 07:37:24	0
06-10-93	07:37:27	* AAH515	NORMAL of 06-10-93 07:37:24	10
06-10-93	07:37:39	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-10-93	07:37:42	* FAH04A	NORMAL of 06-10-93 07:37:39	178
06-10-93	07:37:45	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	07:37:45	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL

06-10-93	07:37:48	* TAH46	NORMAL of 06-10-93 07:37:45	0
06-10-93	07:37:48	* AAH515	NORMAL of 06-10-93 07:37:45	9
06-10-93	07:38:09	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-10-93	07:38:12	* FAH04A	NORMAL of 06-10-93 07:38:09	180
06-10-93	07:38:18	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	07:38:24	* AAH515	NORMAL of 06-10-93 07:38:18	9
06-10-93	07:38:39	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-10-93	07:38:39	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	07:38:42	* AAH515	NORMAL of 06-10-93 07:38:39	10
06-10-93	07:38:45	* FAH04A	NORMAL of 06-10-93 07:38:39	176
06-10-93	07:38:45	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	07:38:51	* AAH515	NORMAL of 06-10-93 07:38:45	9
06-10-93	07:38:54	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	07:38:57	* AAH515	NORMAL of 06-10-93 07:38:54	9
06-10-93	07:39:06	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	07:39:09	* TAH46	NORMAL of 06-10-93 07:39:06	0
06-10-93	07:39:12	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	07:39:15	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	07:39:15	* AAH515	NORMAL of 06-10-93 07:39:12	9
06-10-93	07:39:21	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.3 PH	
06-10-93	07:39:21	* TAH46	NORMAL of 06-10-93 07:39:15	0
06-10-93	07:39:21	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	07:39:24	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	07:39:24	* AAH515	NORMAL of 06-10-93 07:39:21	9
06-10-93	07:39:27	* TAH46	NORMAL of 06-10-93 07:39:24	0
06-10-93	07:39:27	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	07:39:30	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	07:39:30	* AAH515	NORMAL of 06-10-93 07:39:27	9
06-10-93	07:39:39	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 173 LB/MIN	
06-10-93	07:39:45	* AAL56	NORMAL of 06-10-93 07:39:21	5.25
06-10-93	07:39:45	* FAH04A	NORMAL of 06-10-93 07:39:39	177
06-10-93	07:39:51	* FAH04A	ACK of 06-10-93 07:39:39	177
06-10-93	07:39:51	TAH46	ACK of 06-10-93 07:39:30	0
06-10-93	07:39:51	* AAH515	ACK of 06-10-93 07:39:27	9
06-10-93	07:39:51	* TAH46	ACK of 06-10-93 07:39:24	0
06-10-93	07:39:51	* AAH515	ACK of 06-10-93 07:39:21	9
06-10-93	07:39:51	* AAL56	ACK of 06-10-93 07:39:21	5.25
06-10-93	07:39:52	* TAH46	ACK of 06-10-93 07:39:15	0
06-10-93	07:39:52	* AAH515	ACK of 06-10-93 07:39:12	9
06-10-93	07:39:52	* TAH46	ACK of 06-10-93 07:39:06	0
06-10-93	07:39:52	* AAH515	ACK of 06-10-93 07:38:54	9
06-10-93	07:39:52	* AAH515	ACK of 06-10-93 07:38:45	9
06-10-93	07:39:52	* AAH515	ACK of 06-10-93 07:38:39	9
06-10-93	07:39:53	* FAH04A	ACK of 06-10-93 07:38:39	177
06-10-93	07:39:53	* AAH515	ACK of 06-10-93 07:38:18	9
06-10-93	07:39:53	* FAH04A	ACK of 06-10-93 07:38:09	177
06-10-93	07:39:53	* AAH515	ACK of 06-10-93 07:37:45	9
06-10-93	07:39:53	* TAH46	ACK of 06-10-93 07:37:45	0
06-10-93	07:39:54	* FAH04A	ACK of 06-10-93 07:37:39	175
06-10-93	07:39:54	* AAH515	ACK of 06-10-93 07:37:24	10
06-10-93	07:39:54	* TAH46	ACK of 06-10-93 07:37:24	0
06-10-93	07:39:57	TAH46	NORMAL of 06-10-93 07:39:30	0
06-10-93	07:39:57	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL
06-10-93	07:40:00	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	07:40:00	* AAH515	NORMAL of 06-10-93 07:39:57	10
06-10-93	07:40:03	* TAH46	NORMAL of 06-10-93 07:40:00	0
06-10-93	07:40:06	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	07:40:10	TAH46	ACK of 06-10-93 07:40:06	0
06-10-93	07:40:10	* TAH46	ACK of 06-10-93 07:40:00	0
06-10-93	07:40:10	* AAH515	ACK of 06-10-93 07:39:57	9

06-10-93	07:40:39	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-10-93	07:40:41	FAH04A	ACK of 06-10-93 07:40:39	180
06-10-93	07:40:45	FAH04A	NORMAL of 06-10-93 07:40:39	181
06-10-93	07:41:03	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	07:41:05	AAH515	ACK of 06-10-93 07:41:03	9
06-10-93	07:41:06	AAH515	NORMAL of 06-10-93 07:41:03	9
06-10-93	07:41:12	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-10-93	07:41:24	* FAH04A	NORMAL of 06-10-93 07:41:12	180
06-10-93	07:41:33	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL
06-10-93	07:41:36	* AAH515	NORMAL of 06-10-93 07:41:33	10
06-10-93	07:41:39	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	07:41:42	* AAH515	NORMAL of 06-10-93 07:41:39	9
06-10-93	07:41:45	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL
06-10-93	07:41:48	* AAH515	NORMAL of 06-10-93 07:41:45	9
06-10-93	07:41:54	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 178 LB/MIN	
06-10-93	07:41:57	* FAH04A	NORMAL of 06-10-93 07:41:54	178
06-10-93	07:41:58	* FAH04A	ACK of 06-10-93 07:41:54	178
06-10-93	07:41:58	* AAH515	ACK of 06-10-93 07:41:45	9
06-10-93	07:41:59	* AAH515	ACK of 06-10-93 07:41:39	9
06-10-93	07:41:59	* AAH515	ACK of 06-10-93 07:41:33	9
06-10-93	07:41:59	* FAH04A	ACK of 06-10-93 07:41:12	177
06-10-93	07:42:18	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-10-93	07:42:21	* FAH04A	NORMAL of 06-10-93 07:42:18	179
06-10-93	07:42:21	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL
06-10-93	07:42:33	* AAH515	NORMAL of 06-10-93 07:42:21	9
06-10-93	07:42:51	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-10-93	07:42:54	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93	07:42:57	* FAH04A	NORMAL of 06-10-93 07:42:51	180
06-10-93	07:42:57	* FAL65	NORMAL of 06-10-93 07:42:54	290
06-10-93	07:43:00	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	07:43:01	AAH515	ACK of 06-10-93 07:43:00	9
06-10-93	07:43:01	* FAL65	ACK of 06-10-93 07:42:54	290
06-10-93	07:43:01	* FAH04A	ACK of 06-10-93 07:42:51	176
06-10-93	07:43:02	* AAH515	ACK of 06-10-93 07:42:21	9
06-10-93	07:43:02	* FAH04A	ACK of 06-10-93 07:42:18	176
06-10-93	07:43:03	AAH515	NORMAL of 06-10-93 07:43:00	9
06-10-93	07:43:06	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93	07:43:08	FAL65	ACK of 06-10-93 07:43:06	290
06-10-93	07:43:09	FAL65	NORMAL of 06-10-93 07:43:06	290
06-10-93	07:43:21	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-10-93	07:43:24	* FAH04A	NORMAL of 06-10-93 07:43:21	179
06-10-93	07:43:25	* FAH04A	ACK of 06-10-93 07:43:21	179
06-10-93	07:43:33	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93	07:43:36	* FAL65	NORMAL of 06-10-93 07:43:33	290
06-10-93	07:43:36	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL
06-10-93	07:43:39	* AAH515	NORMAL of 06-10-93 07:43:36	9
06-10-93	07:43:39	* AAH515	ACK of 06-10-93 07:43:36	9
06-10-93	07:43:39	* FAL65	ACK of 06-10-93 07:43:33	290
06-10-93	07:43:48	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 289 GPM	
06-10-93	07:43:51	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 181 LB/MIN	
06-10-93	07:43:57	* FAH04A	NORMAL of 06-10-93 07:43:51	179
06-10-93	07:43:57	* FAL65	NORMAL of 06-10-93 07:43:48	290
06-10-93	07:44:03	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 289 GPM	
06-10-93	07:44:06	* FAL65	NORMAL of 06-10-93 07:44:03	290
06-10-93	07:44:07	* FAL65	ACK of 06-10-93 07:44:03	290
06-10-93	07:44:07	* FAH04A	ACK of 06-10-93 07:43:51	176
06-10-93	07:44:07	* FAL65	ACK of 06-10-93 07:43:48	290
06-10-93	07:44:12	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 289 GPM	
06-10-93	07:44:18	* FAL65	NORMAL of 06-10-93 07:44:12	289
06-10-93	07:44:18	TAH46	NORMAL of 06-10-93 07:40:06	0

06-10-93 07:44:21	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-10-93 07:44:24	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	180 LB/MIN	
06-10-93 07:44:24	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW=	290 GPM	
06-10-93 07:44:30	* FAH04A	NORMAL of 06-10-93 07:44:24		178
06-10-93 07:44:31	* FAL65	NORMAL of 06-10-93 07:44:24		290
06-10-93 07:44:37	* FAL65	ACK of 06-10-93 07:44:24		290
06-10-93 07:44:37	* FAH04A	ACK of 06-10-93 07:44:24		177
06-10-93 07:44:38	TAH46	ACK of 06-10-93 07:44:21		0
06-10-93 07:44:38	* FAL65	ACK of 06-10-93 07:44:12		290
06-10-93 07:44:39	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW=	290 GPM	
06-10-93 07:44:42	* FAL65	NORMAL of 06-10-93 07:44:39		290
06-10-93 07:44:43	* FAL65	ACK of 06-10-93 07:44:39		290
06-10-93 07:45:27	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	181 LB/MIN	← Test
06-10-93 07:45:27	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL	start
06-10-93 07:45:30	* AAH515	NORMAL of 06-10-93 07:45:27		9
06-10-93 07:45:31	* AAH515	ACK of 06-10-93 07:45:27		9
06-10-93 07:45:31	FAH04A	ACK of 06-10-93 07:45:27		181
06-10-93 07:45:33	FAH04A	NORMAL of 06-10-93 07:45:27		178
06-10-93 07:45:36	TAH46	NORMAL of 06-10-93 07:44:21		0
06-10-93 07:45:39	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-10-93 07:46:00	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	180 LB/MIN	
06-10-93 07:46:03	* FAH04A	NORMAL of 06-10-93 07:46:00		180
06-10-93 07:46:03	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL	
06-10-93 07:46:09	* AAH515	NORMAL of 06-10-93 07:46:03		9
06-10-93 07:46:15	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL	
06-10-93 07:46:18	* AAH515	NORMAL of 06-10-93 07:46:15		9
06-10-93 07:46:27	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL	
06-10-93 07:46:30	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	180 LB/MIN	
06-10-93 07:46:33	* FAH04A	NORMAL of 06-10-93 07:46:30		179
06-10-93 07:46:33	* AAH515	NORMAL of 06-10-93 07:46:27		9
06-10-93 07:46:42	* TAH46	NORMAL of 06-10-93 07:45:39		0
06-10-93 07:46:45	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-10-93 07:46:45	TAH46	ACK of 06-10-93 07:46:45		0
06-10-93 07:46:45	* FAH04A	ACK of 06-10-93 07:46:30		175
06-10-93 07:46:45	* AAH515	ACK of 06-10-93 07:46:27		9
06-10-93 07:46:46	* AAH515	ACK of 06-10-93 07:46:15		9
06-10-93 07:46:46	* AAH515	ACK of 06-10-93 07:46:03		9
06-10-93 07:46:46	* FAH04A	ACK of 06-10-93 07:46:00		175
06-10-93 07:46:46	* TAH46	ACK of 06-10-93 07:45:39		0
06-10-93 07:46:54	TAH46	NORMAL of 06-10-93 07:46:45		0
06-10-93 07:46:57	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-10-93 07:47:03	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	179 LB/MIN	
06-10-93 07:47:09	* FAH04A	NORMAL of 06-10-93 07:47:03		177
06-10-93 07:47:09	* TAH46	NORMAL of 06-10-93 07:46:57		0
06-10-93 07:47:12	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW=	288 GPM	
06-10-93 07:47:12	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-10-93 07:47:39	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	179 LB/MIN	
06-10-93 07:47:42	* FAH04A	NORMAL of 06-10-93 07:47:39		178
06-10-93 07:48:03	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	181 LB/MIN	
06-10-93 07:48:12	* TAH46	NORMAL of 06-10-93 07:47:12		0
06-10-93 07:48:15	* FAH04A	NORMAL of 06-10-93 07:48:03		179
06-10-93 07:48:15	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-10-93 07:48:18	* FAL65	NORMAL of 06-10-93 07:47:12		289
06-10-93 07:48:18	* TAH46	NORMAL of 06-10-93 07:48:15		0
06-10-93 07:48:21	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW=	289 GPM	
06-10-93 07:48:21	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-10-93 07:48:30	* TAH46	NORMAL of 06-10-93 07:48:21		0
06-10-93 07:48:33	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-10-93 07:48:36	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	179 LB/MIN	
06-10-93 07:48:36	* TAH46	NORMAL of 06-10-93 07:48:33		0

06-10-93	07:48:39	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-10-93	07:48:45	* FAH04A	NORMAL of 06-10-93 07:48:36		178
06-10-93	07:48:45	* TAH46	NORMAL of 06-10-93 07:48:39		0
06-10-93	07:48:51	* FAL65	NORMAL of 06-10-93 07:48:21		290
06-10-93	07:48:51	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-10-93	07:48:52	TAH46	ACK of 06-10-93 07:48:51		0
06-10-93	07:48:52	* TAH46	ACK of 06-10-93 07:48:39		0
06-10-93	07:48:52	* FAH04A	ACK of 06-10-93 07:48:36		176
06-10-93	07:48:52	* TAH46	ACK of 06-10-93 07:48:33		0
06-10-93	07:48:52	* TAH46	ACK of 06-10-93 07:48:21		0
06-10-93	07:48:52	* FAL65	ACK of 06-10-93 07:48:21		290
06-10-93	07:48:53	* TAH46	ACK of 06-10-93 07:48:15		0
06-10-93	07:48:53	* FAH04A	ACK of 06-10-93 07:48:03		176
06-10-93	07:48:53	* FAH04A	ACK of 06-10-93 07:47:39		176
06-10-93	07:48:53	* TAH46	ACK of 06-10-93 07:47:12		0
06-10-93	07:48:53	* FAL65	ACK of 06-10-93 07:47:12		290
06-10-93	07:48:54	* FAH04A	ACK of 06-10-93 07:47:03		176
06-10-93	07:48:54	* TAH46	ACK of 06-10-93 07:46:57		0
06-10-93	07:48:54	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM		
06-10-93	07:48:57	* FAL65	NORMAL of 06-10-93 07:48:54		290
06-10-93	07:49:03	TAH46	NORMAL of 06-10-93 07:48:51		0
06-10-93	07:49:06	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN		
06-10-93	07:49:09	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-10-93	07:49:12	* FAH04A	NORMAL of 06-10-93 07:49:06		179
06-10-93	07:49:15	* TAH46	NORMAL of 06-10-93 07:49:09		0
06-10-93	07:49:27	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-10-93	07:49:33	* TAH46	NORMAL of 06-10-93 07:49:27		0
06-10-93	07:49:39	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN		
06-10-93	07:49:42	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-10-93	07:49:45	* FAH04A	NORMAL of 06-10-93 07:49:39		178
06-10-93	07:49:48	* TAH46	NORMAL of 06-10-93 07:49:42		0
06-10-93	07:49:48	* TAH46	ACK of 06-10-93 07:49:42		0
06-10-93	07:49:48	* FAH04A	ACK of 06-10-93 07:49:39		177
06-10-93	07:49:49	* TAH46	ACK of 06-10-93 07:49:27		0
06-10-93	07:49:49	* TAH46	ACK of 06-10-93 07:49:09		0
06-10-93	07:49:49	* FAH04A	ACK of 06-10-93 07:49:06		177
06-10-93	07:49:49	* FAL65	ACK of 06-10-93 07:48:54		302
06-10-93	07:50:00	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL	
06-10-93	07:50:03	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-10-93	07:50:06	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 181 LB/MIN		
06-10-93	07:50:15	* AAH515	NORMAL of 06-10-93 07:50:00		10
06-10-93	07:50:18	* FAH04A	NORMAL of 06-10-93 07:50:06		178
06-10-93	07:50:18	* TAH46	NORMAL of 06-10-93 07:50:03		0
06-10-93	07:50:21	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL	
06-10-93	07:50:24	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-10-93	07:50:27	* AAH515	NORMAL of 06-10-93 07:50:21		9
06-10-93	07:50:28	TAH46	ACK of 06-10-93 07:50:24		0
06-10-93	07:50:28	* AAH515	ACK of 06-10-93 07:50:21		9
06-10-93	07:50:28	* FAH04A	ACK of 06-10-93 07:50:06		177
06-10-93	07:50:28	* TAH46	ACK of 06-10-93 07:50:03		0
06-10-93	07:50:28	* AAH515	ACK of 06-10-93 07:50:00		9
06-10-93	07:50:33	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL	
06-10-93	07:50:36	* AAH515	NORMAL of 06-10-93 07:50:33		9
06-10-93	07:50:39	TAH46	NORMAL of 06-10-93 07:50:24		0
06-10-93	07:50:42	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN		
06-10-93	07:50:45	* FAH04A	NORMAL of 06-10-93 07:50:42		178
06-10-93	07:50:48	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-10-93	07:50:56	TAH46	ACK of 06-10-93 07:50:48		0
06-10-93	07:50:56	* FAH04A	ACK of 06-10-93 07:50:42		176
06-10-93	07:50:56	* AAH515	ACK of 06-10-93 07:50:33		9

06-10-93	07:51:00	TAH46	NORMAL of 06-10-93 07:50:48	0
06-10-93	07:51:03	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	07:51:09	* TAH46	NORMAL of 06-10-93 07:51:03	0
06-10-93	07:51:12	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 181 LB/MIN	
06-10-93	07:51:12	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	07:51:15	* TAH46	NORMAL of 06-10-93 07:51:12	0
06-10-93	07:51:24	* FAH04A	NORMAL of 06-10-93 07:51:12	177
06-10-93	07:51:36	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	07:51:39	* AAH515	NORMAL of 06-10-93 07:51:36	9
06-10-93	07:51:45	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 181 LB/MIN	
06-10-93	07:51:45	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	07:51:45	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL
06-10-93	07:51:48	* TAH46	NORMAL of 06-10-93 07:51:45	0
06-10-93	07:51:48	* AAH515	NORMAL of 06-10-93 07:51:45	10
06-10-93	07:51:51	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL
06-10-93	07:51:54	* FAH04A	NORMAL of 06-10-93 07:51:45	178
06-10-93	07:51:55	AAH515	ACK of 06-10-93 07:51:51	9
06-10-93	07:51:55	* AAH515	ACK of 06-10-93 07:51:45	9
06-10-93	07:51:55	* TAH46	ACK of 06-10-93 07:51:45	0
06-10-93	07:51:55	* FAH04A	ACK of 06-10-93 07:51:45	178
06-10-93	07:51:55	* AAH515	ACK of 06-10-93 07:51:36	9
06-10-93	07:51:56	* TAH46	ACK of 06-10-93 07:51:12	0
06-10-93	07:51:56	* FAH04A	ACK of 06-10-93 07:51:12	178
06-10-93	07:51:57	* TAH46	ACK of 06-10-93 07:51:03	0
06-10-93	07:51:57	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	07:52:00	AAH515	NORMAL of 06-10-93 07:51:51	9
06-10-93	07:52:06	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	07:52:09	* AAH515	NORMAL of 06-10-93 07:52:06	9
06-10-93	07:52:21	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-10-93	07:52:24	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	07:52:27	* AAH515	NORMAL of 06-10-93 07:52:24	9
06-10-93	07:52:30	* FAH04A	NORMAL of 06-10-93 07:52:21	177
06-10-93	07:52:39	* TAH46	NORMAL of 06-10-93 07:51:57	0
06-10-93	07:52:42	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	07:52:42	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	07:52:45	* AAH515	NORMAL of 06-10-93 07:52:42	9
06-10-93	07:52:51	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-10-93	07:52:51	* TAH46	NORMAL of 06-10-93 07:52:42	0
06-10-93	07:52:54	* FAH04A	NORMAL of 06-10-93 07:52:51	179
06-10-93	07:52:54	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	07:52:54	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	07:52:57	* AAH515	NORMAL of 06-10-93 07:52:54	9
06-10-93	07:53:00	* TAH46	NORMAL of 06-10-93 07:52:54	0
06-10-93	07:53:03	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	07:53:03	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	07:53:06	* TAH46	NORMAL of 06-10-93 07:53:03	0
06-10-93	07:53:06	* AAH515	NORMAL of 06-10-93 07:53:03	9
06-10-93	07:53:13	* AAH515	ACK of 06-10-93 07:53:03	9
06-10-93	07:53:13	* TAH46	ACK of 06-10-93 07:53:03	0
06-10-93	07:53:13	* AAH515	ACK of 06-10-93 07:52:54	9
06-10-93	07:53:13	* TAH46	ACK of 06-10-93 07:52:54	0
06-10-93	07:53:13	* FAH04A	ACK of 06-10-93 07:52:51	173
06-10-93	07:53:13	* AAH515	ACK of 06-10-93 07:52:42	9
06-10-93	07:53:14	* TAH46	ACK of 06-10-93 07:52:42	0
06-10-93	07:53:14	* AAH515	ACK of 06-10-93 07:52:24	9
06-10-93	07:53:14	* FAH04A	ACK of 06-10-93 07:52:21	173
06-10-93	07:53:14	* AAH515	ACK of 06-10-93 07:52:06	9
06-10-93	07:53:14	* TAH46	ACK of 06-10-93 07:51:57	0
06-10-93	07:53:15	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	07:53:24	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	

06-10-93	07:53:33	* FAH04A	NORMAL of 06-10-93 07:53:24	180
06-10-93	07:53:36	* TAH46	NORMAL of 06-10-93 07:53:15	0
06-10-93	07:53:36	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	07:53:39	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-10-93	07:53:39	* AAH515	NORMAL of 06-10-93 07:53:36	9
06-10-93	07:53:54	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	179 LB/MIN
06-10-93	07:53:54	* TAH46	NORMAL of 06-10-93 07:53:39	0
06-10-93	07:53:57	* FAH04A	NORMAL of 06-10-93 07:53:54	178
06-10-93	07:54:00	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-10-93	07:54:06	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW=	290 GPM
06-10-93	07:54:09	* FAL65	NORMAL of 06-10-93 07:54:06	290
06-10-93	07:54:09	* TAH46	NORMAL of 06-10-93 07:54:00	0
06-10-93	07:54:11	* FAL65	ACK of 06-10-93 07:54:06	290
06-10-93	07:54:11	* TAH46	ACK of 06-10-93 07:54:00	0
06-10-93	07:54:11	* FAH04A	ACK of 06-10-93 07:53:54	175
06-10-93	07:54:12	* TAH46	ACK of 06-10-93 07:53:39	0
06-10-93	07:54:12	* AAH515	ACK of 06-10-93 07:53:36	9
06-10-93	07:54:12	* FAH04A	ACK of 06-10-93 07:53:24	175
06-10-93	07:54:12	* TAH46	ACK of 06-10-93 07:53:15	0
06-10-93	07:54:12	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-10-93	07:54:27	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	179 LB/MIN
06-10-93	07:54:33	* FAH04A	NORMAL of 06-10-93 07:54:27	179
06-10-93	07:54:33	* TAH46	NORMAL of 06-10-93 07:54:12	0
06-10-93	07:54:39	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-10-93	07:54:43	TAH46	ACK of 06-10-93 07:54:39	0
06-10-93	07:54:43	* FAH04A	ACK of 06-10-93 07:54:27	176
06-10-93	07:54:43	* TAH46	ACK of 06-10-93 07:54:12	0
06-10-93	07:54:57	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	180 LB/MIN
06-10-93	07:55:06	* FAH04A	NORMAL of 06-10-93 07:54:57	178
06-10-93	07:55:30	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	180 LB/MIN
06-10-93	07:55:33	* FAH04A	NORMAL of 06-10-93 07:55:30	181
06-10-93	07:55:36	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	181 LB/MIN
06-10-93	07:55:39	* FAH04A	NORMAL of 06-10-93 07:55:36	181
06-10-93	07:55:42	* FAH04A	ACK of 06-10-93 07:55:36	177
06-10-93	07:55:42	* FAH04A	ACK of 06-10-93 07:55:30	177
06-10-93	07:55:42	* FAH04A	ACK of 06-10-93 07:54:57	177
06-10-93	07:56:03	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	180 LB/MIN
06-10-93	07:56:12	* FAH04A	NORMAL of 06-10-93 07:56:03	178
06-10-93	07:56:42	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	180 LB/MIN
06-10-93	07:56:45	* FAH04A	NORMAL of 06-10-93 07:56:42	180
06-10-93	07:56:50	* FAH04A	ACK of 06-10-93 07:56:42	176
06-10-93	07:56:50	* FAH04A	ACK of 06-10-93 07:56:03	176
06-10-93	07:57:09	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	181 LB/MIN
06-10-93	07:57:12	* FAH04A	NORMAL of 06-10-93 07:57:09	178
06-10-93	07:57:42	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW=	290 GPM
06-10-93	07:57:45	FAL65	ACK of 06-10-93 07:57:42	290
06-10-93	07:57:45	* FAH04A	ACK of 06-10-93 07:57:09	179
06-10-93	07:57:51	FAL65	NORMAL of 06-10-93 07:57:42	290
06-10-93	07:57:54	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW=	290 GPM
06-10-93	07:57:54	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	07:57:57	* FAL65	NORMAL of 06-10-93 07:57:54	290
06-10-93	07:57:57	* AAH515	NORMAL of 06-10-93 07:57:54	9
06-10-93	07:58:09	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	177 LB/MIN
06-10-93	07:58:14	FAH04A	ACK of 06-10-93 07:58:09	179
06-10-93	07:58:14	* AAH515	ACK of 06-10-93 07:57:54	9
06-10-93	07:58:14	* FAL65	ACK of 06-10-93 07:57:54	290
06-10-93	07:58:18	FAH04A	NORMAL of 06-10-93 07:58:09	179
06-10-93	07:58:48	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	07:58:54	* AAH515	NORMAL of 06-10-93 07:58:48	10
06-10-93	07:58:58	* AAH515	ACK of 06-10-93 07:58:48	10

06-10-93 07:59:15	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-10-93 07:59:18	* FAH04A	NORMAL of 06-10-93 07:59:15	179
06-10-93 07:59:30	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 291 GPM	
06-10-93 07:59:39	* FAL65	NORMAL of 06-10-93 07:59:30	290
06-10-93 08:00:09	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93 08:00:12	* AAH515	NORMAL of 06-10-93 08:00:09	9
06-10-93 08:00:15	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-10-93 08:00:18	* FAH04A	NORMAL of 06-10-93 08:00:15	180
06-10-93 08:00:42	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 181 LB/MIN	
06-10-93 08:00:51	* FAH04A	NORMAL of 06-10-93 08:00:42	179
06-10-93 08:00:51	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL
06-10-93 08:00:54	* AAH515	NORMAL of 06-10-93 08:00:51	10
06-10-93 08:01:07	* AAH515	ACK of 06-10-93 08:00:51	9
06-10-93 08:01:07	* FAH04A	ACK of 06-10-93 08:00:42	175
06-10-93 08:01:07	* FAH04A	ACK of 06-10-93 08:00:15	175
06-10-93 08:01:08	* AAH515	ACK of 06-10-93 08:00:09	9
06-10-93 08:01:08	* FAL65	ACK of 06-10-93 07:59:30	302
06-10-93 08:01:08	* FAH04A	ACK of 06-10-93 07:59:15	175
06-10-93 08:01:09	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93 08:01:15	* AAH515	NORMAL of 06-10-93 08:01:09	9
06-10-93 08:01:18	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-10-93 08:01:21	* FAH04A	NORMAL of 06-10-93 08:01:18	179
06-10-93 08:01:34	* FAH04A	ACK of 06-10-93 08:01:18	176
06-10-93 08:01:35	* AAH515	ACK of 06-10-93 08:01:09	9
06-10-93 08:01:48	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 181 LB/MIN	
06-10-93 08:01:54	* FAH04A	NORMAL of 06-10-93 08:01:48	177
06-10-93 08:02:00	* FAH04A	ACK of 06-10-93 08:01:48	176
06-10-93 08:02:21	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-10-93 08:02:27	* FAH04A	NORMAL of 06-10-93 08:02:21	179
06-10-93 08:02:42	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 289 GPM	
06-10-93 08:02:46	FAL65	ACK of 06-10-93 08:02:42	290
06-10-93 08:02:46	* FAH04A	ACK of 06-10-93 08:02:21	175
06-10-93 08:02:51	FAL65	NORMAL of 06-10-93 08:02:42	290
06-10-93 08:02:54	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93 08:02:57	* AAH515	NORMAL of 06-10-93 08:02:54	9
06-10-93 08:03:09	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93 08:03:12	* FAL65	NORMAL of 06-10-93 08:03:09	291
06-10-93 08:03:24	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-10-93 08:03:27	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93 08:03:30	* FAH04A	NORMAL of 06-10-93 08:03:24	178
06-10-93 08:03:30	* AAH515	NORMAL of 06-10-93 08:03:27	9
06-10-93 08:03:37	* AAH515	ACK of 06-10-93 08:03:27	9
06-10-93 08:03:37	* FAH04A	ACK of 06-10-93 08:03:24	176
06-10-93 08:03:37	* FAL65	ACK of 06-10-93 08:03:09	290
06-10-93 08:03:38	* AAH515	ACK of 06-10-93 08:02:54	9
06-10-93 08:03:39	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 289 GPM	
06-10-93 08:03:48	* FAL65	NORMAL of 06-10-93 08:03:39	290
06-10-93 08:03:51	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93 08:03:54	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-10-93 08:03:57	* FAL65	NORMAL of 06-10-93 08:03:51	289
06-10-93 08:04:00	* FAH04A	NORMAL of 06-10-93 08:03:54	179
06-10-93 08:04:02	* FAH04A	ACK of 06-10-93 08:03:54	179
06-10-93 08:04:02	* FAL65	ACK of 06-10-93 08:03:51	289
06-10-93 08:04:02	* FAL65	ACK of 06-10-93 08:03:39	289
06-10-93 08:04:03	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 289 GPM	
06-10-93 08:04:27	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 176 LB/MIN	
06-10-93 08:04:27	* FAL65	NORMAL of 06-10-93 08:04:03	290
06-10-93 08:04:31	FAH04A	ACK of 06-10-93 08:04:27	180
06-10-93 08:04:31	* FAL65	ACK of 06-10-93 08:04:03	290
06-10-93 08:04:33	* LG_ALARM	L/G RATIO PRE-ALARM	

06-10-93	08:04:42	FAH04A	NORMAL of 06-10-93 08:04:27	177
06-10-93	08:05:03	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-10-93	08:05:09	* FAH04A	NORMAL of 06-10-93 08:05:03	179
06-10-93	08:05:15	* LG ALARM	NORMAL of 06-10-93 08:04:33	
06-10-93	08:05:15	* FAH04A	ACK of 06-10-93 08:05:03	177
06-10-93	08:05:15	* LG ALARM	ACK of 06-10-93 08:04:33	
06-10-93	08:05:18	* PDAH53	VENTURI HI DIFF PRESSURE, 93.2 IN WC	
06-10-93	08:05:27	* PDAH53	NORMAL of 06-10-93 08:05:18	91.32
06-10-93	08:05:42	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL
06-10-93	08:05:45	* AAH515	NORMAL of 06-10-93 08:05:42	9
06-10-93	08:06:06	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-10-93	08:06:12	FAH04A	ACK of 06-10-93 08:06:06	180
06-10-93	08:06:12	* AAH515	ACK of 06-10-93 08:05:42	9
06-10-93	08:06:12	* PDAH53	ACK of 06-10-93 08:05:18	88.35
06-10-93	08:06:18	FAH04A	NORMAL of 06-10-93 08:06:06	177
06-10-93	08:06:30	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL
06-10-93	08:06:33	* AAH515	NORMAL of 06-10-93 08:06:30	9
06-10-93	08:06:48	* AAH515	ACK of 06-10-93 08:06:30	9
06-10-93	08:07:09	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	08:07:12	* AAH515	NORMAL of 06-10-93 08:07:09	9
06-10-93	08:07:18	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 178 LB/MIN	
06-10-93	08:07:24	* FAH04A	NORMAL of 06-10-93 08:07:18	179
06-10-93	08:07:40	* FAH04A	ACK of 06-10-93 08:07:18	178
06-10-93	08:07:40	* AAH515	ACK of 06-10-93 08:07:09	9
06-10-93	08:08:18	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 181 LB/MIN	
06-10-93	08:08:24	* FAH04A	NORMAL of 06-10-93 08:08:18	178
06-10-93	08:09:24	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-10-93	08:09:27	* FAH04A	NORMAL of 06-10-93 08:09:24	179
06-10-93	08:09:51	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 176 LB/MIN	
06-10-93	08:09:54	* FAH04A	NORMAL of 06-10-93 08:09:51	179
06-10-93	08:10:06	* FAH04A	ACK of 06-10-93 08:09:51	176
06-10-93	08:10:06	* FAH04A	ACK of 06-10-93 08:09:24	176
06-10-93	08:10:07	* FAH04A	ACK of 06-10-93 08:08:18	176
06-10-93	08:10:54	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 178 LB/MIN	
06-10-93	08:10:56	FAH04A	ACK of 06-10-93 08:10:54	178
06-10-93	08:11:03	FAH04A	NORMAL of 06-10-93 08:10:54	176
06-10-93	08:11:24	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-10-93	08:11:26	FAH04A	ACK of 06-10-93 08:11:24	179
06-10-93	08:11:30	FAH04A	NORMAL of 06-10-93 08:11:24	179
06-10-93	08:12:24	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-10-93	08:12:27	* FAH04A	NORMAL of 06-10-93 08:12:24	179
06-10-93	08:12:29	* FAH04A	ACK of 06-10-93 08:12:24	179
06-10-93	08:13:27	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-10-93	08:13:29	FAH04A	ACK of 06-10-93 08:13:27	179
06-10-93	08:13:30	FAH04A	NORMAL of 06-10-93 08:13:27	177
06-10-93	08:13:57	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-10-93	08:14:00	FAH04A	ACK of 06-10-93 08:13:57	179
06-10-93	08:14:03	FAH04A	NORMAL of 06-10-93 08:13:57	179
06-10-93	08:14:30	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-10-93	08:14:33	* FAH04A	NORMAL of 06-10-93 08:14:30	177
06-10-93	08:14:33	* FAH04A	ACK of 06-10-93 08:14:30	177
06-10-93	08:15:00	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 178 LB/MIN	
06-10-93	08:15:03	* FAH04A	NORMAL of 06-10-93 08:15:00	180
06-10-93	08:15:05	* FAH04A	ACK of 06-10-93 08:15:00	180
06-10-93	08:15:33	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-10-93	08:15:36	* FAH04A	NORMAL of 06-10-93 08:15:33	179
06-10-93	08:15:38	* FAH04A	ACK of 06-10-93 08:15:33	179
06-10-93	08:16:06	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 172 GPM	
06-10-93	08:16:10	FAL87	ACK of 06-10-93 08:16:06	31
06-10-93	08:16:15	FAL87	NORMAL of 06-10-93 08:16:06	484

06-10-93	08:16:36	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-10-93	08:16:39	* FAH04A	NORMAL of 06-10-93 08:16:36	178
06-10-93	08:16:40	* FAH04A	ACK of 06-10-93 08:16:36	178
06-10-93	08:16:45	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 449 GPM	
06-10-93	08:16:51	* FAL87	NORMAL of 06-10-93 08:16:45	500
06-10-93	08:17:02	* FAL87	ACK of 06-10-93 08:16:45	500
06-10-93	08:17:06	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-10-93	08:17:09	* FAH04A	NORMAL of 06-10-93 08:17:06	178
06-10-93	08:17:12	* FAH04A	ACK of 06-10-93 08:17:06	178
06-10-93	08:17:39	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 178 LB/MIN	
06-10-93	08:17:42	* FAH04A	NORMAL of 06-10-93 08:17:39	177
06-10-93	08:17:42	* FAH04A	ACK of 06-10-93 08:17:39	177
06-10-93	08:18:06	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-10-93	08:18:12	* FAH04A	NORMAL of 06-10-93 08:18:06	177
06-10-93	08:18:12	* FAH04A	ACK of 06-10-93 08:18:06	177
06-10-93	08:18:48	* AAL30	LOW 02 LEVEL IN STACK, 3.0 PERCENT	
06-10-93	08:18:54	* AAL30	NORMAL of 06-10-93 08:18:48	3.1
06-10-93	08:18:55	* AAL30	ACK of 06-10-93 08:18:48	3.1
06-10-93	08:19:45	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 178 LB/MIN	
06-10-93	08:19:48	* FAH04A	NORMAL of 06-10-93 08:19:45	179
06-10-93	08:20:18	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 178 LB/MIN	
06-10-93	08:20:21	* FAH04A	NORMAL of 06-10-93 08:20:18	179
06-10-93	08:21:05	* FAH04A	ACK of 06-10-93 08:20:18	176
06-10-93	08:21:06	* FAH04A	ACK of 06-10-93 08:19:45	176
06-10-93	08:21:54	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-10-93	08:21:57	* FAH04A	NORMAL of 06-10-93 08:21:54	179
06-10-93	08:22:27	* FAH04A	ACK of 06-10-93 08:21:54	179
06-10-93	08:23:00	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 178 LB/MIN	
06-10-93	08:23:03	* FAH04A	NORMAL of 06-10-93 08:23:00	178
06-10-93	08:23:03	* FAH04A	ACK of 06-10-93 08:23:00	178
06-10-93	08:23:27	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-10-93	08:23:33	* FAH04A	NORMAL of 06-10-93 08:23:27	180
06-10-93	08:24:09	* AAL30	LOW 02 LEVEL IN STACK, 3.0 PERCENT	
06-10-93	08:24:09	AAL30	ACK of 06-10-93 08:24:09	3
06-10-93	08:24:09	* FAH04A	ACK of 06-10-93 08:23:27	178
06-10-93	08:24:12	AAL30	NORMAL of 06-10-93 08:24:09	3.1
06-10-93	08:24:33	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-10-93	08:24:36	* FAH04A	NORMAL of 06-10-93 08:24:33	179
06-10-93	08:24:38	* FAH04A	ACK of 06-10-93 08:24:33	179
06-10-93	08:25:03	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 181 LB/MIN	
06-10-93	08:25:06	* FAH04A	NORMAL of 06-10-93 08:25:03	181
06-10-93	08:25:23	* FAH04A	ACK of 06-10-93 08:25:03	174
06-10-93	08:25:42	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-10-93	08:25:45	FAH04A	ACK of 06-10-93 08:25:42	177
06-10-93	08:26:12	FAH04A	NORMAL of 06-10-93 08:25:42	178
06-10-93	08:26:42	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 178 LB/MIN	
06-10-93	08:26:56	FAH04A	ACK of 06-10-93 08:26:42	174
06-10-93	08:27:12	FAH04A	NORMAL of 06-10-93 08:26:42	178
06-10-93	08:30:00	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 178 LB/MIN	
06-10-93	08:30:03	* FAH04A	NORMAL of 06-10-93 08:30:00	178
06-10-93	08:30:09	* FAH04A	ACK of 06-10-93 08:30:00	175
06-10-93	08:31:25	* DEV_OFF	DEVELOPMENT PLC OFFLINE	
06-10-93	08:31:30	* DEV_OFF	NORMAL of 06-10-93 08:31:25	
06-10-93	08:31:49	* DEV_OFF	ACK of 06-10-93 08:31:25	
06-10-93	08:32:00	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 177 LB/MIN	
06-10-93	08:32:03	* FAH04A	NORMAL of 06-10-93 08:32:00	177
06-10-93	08:33:03	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-10-93	08:33:16	FAH04A	ACK of 06-10-93 08:33:03	174
06-10-93	08:33:17	* FAH04A	ACK of 06-10-93 08:32:00	174
06-10-93	08:33:36	FAH04A	NORMAL of 06-10-93 08:33:03	180

06-10-93	08:33:39	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-10-93	08:34:00	* FAH04A	NORMAL of 06-10-93 08:33:39	172
06-10-93	08:35:30	* FAH04A	ACK of 06-10-93 08:33:39	174
06-10-93	08:35:48	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 178 LB/MIN	
06-10-93	08:35:51	* FAH04A	NORMAL of 06-10-93 08:35:48	178
06-10-93	08:37:04	* FAH04A	ACK of 06-10-93 08:35:48	174
06-10-93	08:37:21	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-10-93	08:37:24	* FAH04A	NORMAL of 06-10-93 08:37:21	178
06-10-93	08:37:24	* FAH04A	ACK of 06-10-93 08:37:21	178
06-10-93	08:39:33	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-10-93	08:39:36	* FAH04A	NORMAL of 06-10-93 08:39:33	179
06-10-93	08:39:52	* FAH04A	ACK of 06-10-93 08:39:33	173
06-10-93	08:41:45	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 177 LB/MIN	
06-10-93	08:42:18	* FAH04A	NORMAL of 06-10-93 08:41:45	177
06-10-93	08:42:36	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 4 GPM	
06-10-93	08:42:45	* FAL87	NORMAL of 06-10-93 08:42:36	475
06-10-93	08:43:21	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-10-93	08:43:57	* FAH04A	NORMAL of 06-10-93 08:43:21	176
06-10-93	08:44:21	* AAH68	HIGH THC, 7.60 PPM	
06-10-93	08:44:27	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-10-93	08:44:30	* FAH04A	NORMAL of 06-10-93 08:44:27	176
06-10-93	08:44:30	* FAH04A	ACK of 06-10-93 08:44:27	176
06-10-93	08:44:31	AAH68	ACK of 06-10-93 08:44:21	9.1
06-10-93	08:44:31	* FAH04A	ACK of 06-10-93 08:43:21	176
06-10-93	08:44:31	* FAL87	ACK of 06-10-93 08:42:36	455
06-10-93	08:44:31	* FAH04A	ACK of 06-10-93 08:41:45	176
06-10-93	08:44:42	AAH68	NORMAL of 06-10-93 08:44:21	7.7
06-10-93	09:01:42	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 178 LB/MIN	
06-10-93	09:01:45	* FAH04A	NORMAL of 06-10-93 09:01:42	178
06-10-93	09:01:46	* FAH04A	ACK of 06-10-93 09:01:42	177
06-10-93	09:04:51	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-10-93	09:04:57	* FAL87	NORMAL of 06-10-93 09:04:51	460
06-10-93	09:05:23	* FAL87	ACK of 06-10-93 09:04:51	453
06-10-93	09:08:09	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 20 GPM	
06-10-93	09:08:13	FAL87	ACK of 06-10-93 09:08:09	500
06-10-93	09:08:15	FAL87	NORMAL of 06-10-93 09:08:09	500
06-10-93	09:08:39	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	9 LEL
06-10-93	09:08:56	AAH515	ACK of 06-10-93 09:08:39	9
06-10-93	09:09:48	AAH515	NORMAL of 06-10-93 09:08:39	9
06-10-93	09:20:45	* LAH405	HI LEVEL UTILITY ROOM TANK 405	
06-10-93	09:20:51	* AAL30	LOW 02 LEVEL IN STACK, 3.0 PERCENT	
06-10-93	09:20:51	AAL30	ACK of 06-10-93 09:20:51	3
06-10-93	09:20:52	LAH405	ACK of 06-10-93 09:20:45	
06-10-93	09:20:57	AAL30	NORMAL of 06-10-93 09:20:51	3.1
06-10-93	09:22:54	LAH405	NORMAL of 06-10-93 09:20:45	
06-10-93	09:27:09	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 301 GPM	
06-10-93	09:27:15	* FAL87	NORMAL of 06-10-93 09:27:09	305
06-10-93	09:27:20	* FAL87	ACK of 06-10-93 09:27:09	298
06-10-93	09:27:27	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 301 GPM	
06-10-93	09:27:30	* FAL87	NORMAL of 06-10-93 09:27:27	301
06-10-93	09:27:42	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 304 GPM	
06-10-93	09:27:51	* FAL87	NORMAL of 06-10-93 09:27:42	301
06-10-93	09:27:54	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 300 GPM	
06-10-93	09:28:00	* FAL87	NORMAL of 06-10-93 09:27:54	298
06-10-93	09:28:06	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 302 GPM	
06-10-93	09:28:15	* FAL87	NORMAL of 06-10-93 09:28:06	291
06-10-93	09:28:24	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 302 GPM	
06-10-93	09:28:27	* FAL87	NORMAL of 06-10-93 09:28:24	302
06-10-93	09:28:36	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 303 GPM	
06-10-93	09:28:38	FAL87	ACK of 06-10-93 09:28:36	303

06-10-93	09:28:39	* FAL87	ACK	of 06-10-93 09:28:24	303
06-10-93	09:28:39	* FAL87	ACK	of 06-10-93 09:28:06	303
06-10-93	09:28:39	* FAL87	ACK	of 06-10-93 09:27:54	303
06-10-93	09:28:40	* FAL87	ACK	of 06-10-93 09:27:42	303
06-10-93	09:28:40	* FAL87	ACK	of 06-10-93 09:27:27	302
06-10-93	09:32:27	FAL87	NORMAL	of 06-10-93 09:28:36	401
06-10-93	09:33:30	* FAL87	LOW FLOW QUENCH RECIRC, FLOW=	0 GPM	
06-10-93	09:33:36	* FAL87	NORMAL	of 06-10-93 09:33:30	412
06-10-93	09:33:39	* FAL87	ACK	of 06-10-93 09:33:30	412
06-10-93	09:40:33	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	178 LB/MIN	
06-10-93	09:40:40	FAH04A	ACK	of 06-10-93 09:40:33	172
06-10-93	09:43:36	FAH04A	NORMAL	of 06-10-93 09:40:33	179
06-10-93	09:44:12	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	177 LB/MIN	
06-10-93	09:44:19	FAH04A	ACK	of 06-10-93 09:44:12	176
06-10-93	09:47:00	FAH04A	NORMAL	of 06-10-93 09:44:12	176
06-10-93	09:47:24	* FAD48	DEV FLOW SCRUBBER MAKEUP, FLOW=	32.6 GPM	
06-10-93	09:47:47	FAD48	ACK	of 06-10-93 09:47:24	29.56
06-10-93	09:48:51	FAD48	NORMAL	of 06-10-93 09:47:24	21.69
06-10-93	09:59:09	* FAL87	LOW FLOW QUENCH RECIRC, FLOW=	252 GPM	
06-10-93	09:59:13	FAL87	ACK	of 06-10-93 09:59:09	0

06-10-93 09:59:13		New History File	
06-10-93 09:59:18	* FALL87	LOW LOW FLOW QUENCH RECIRC, FLOW=	0 GPM
06-10-93 09:59:22	FALL87	ACK of 06-10-93 09:59:18	0
06-10-93 10:08:30	FALL87	NORMAL of 06-10-93 09:59:18	0
06-10-93 10:08:39	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	173 LB/MIN
06-10-93 10:08:39	FAL87	NORMAL of 06-10-93 09:59:09	500
06-10-93 10:08:42	* FAH04A	NORMAL of 06-10-93 10:08:39	173
06-10-93 10:08:44	* FAH04A	ACK of 06-10-93 10:08:39	174
06-10-93 10:19:20	* DEV_OFF	DEVELOPMENT PLC OFFLINE	
06-10-93 10:19:32	DEV_OFF	ACK of 06-10-93 10:19:20	
06-10-93 10:19:38	DEV_OFF	NORMAL of 06-10-93 10:19:20	
06-10-93 10:24:45	* FAL87	LOW FLOW QUENCH RECIRC, FLOW=	0 GPM
06-10-93 10:24:48	FAL87	ACK of 06-10-93 10:24:45	0
06-10-93 10:24:54	FAL87	NORMAL of 06-10-93 10:24:45	500
06-10-93 10:36:30	* AAH68	HIGH THC, 8.00 PPM	
06-10-93 10:36:33	* AAH68	NORMAL of 06-10-93 10:36:30	8
06-10-93 10:37:47	* AAH68	ACK of 06-10-93 10:36:30	5.7
06-10-93 10:46:24	* LAL105	LO LEV DAY TANK 105, LEV=	1903 GAL
06-10-93 10:46:33	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	184 LB/MIN
06-10-93 10:46:35	FAH04A	ACK of 06-10-93 10:46:33	177
06-10-93 10:46:35	LAL105	ACK of 06-10-93 10:46:24	1913
06-10-93 10:46:36	FAH04A	NORMAL of 06-10-93 10:46:33	177
06-10-93 10:47:36	* AAL30	LOW 02 LEVEL IN STACK, 3.1 PERCENT	
06-10-93 10:47:39	* AAL30	NORMAL of 06-10-93 10:47:36	3.1
06-10-93 10:47:39	* AAL30	ACK of 06-10-93 10:47:36	3.1
06-10-93 10:50:21	* FAL87	LOW FLOW QUENCH RECIRC, FLOW=	404 GPM
06-10-93 10:50:32	FAL87	ACK of 06-10-93 10:50:21	0
06-10-93 10:50:33	* FALL87	LOW LOW FLOW QUENCH RECIRC, FLOW=	0 GPM
06-10-93 10:50:35	FALL87	ACK of 06-10-93 10:50:33	0
06-10-93 10:51:06	FALL87	NORMAL of 06-10-93 10:50:33	0
06-10-93 10:51:12	FAL87	NORMAL of 06-10-93 10:50:21	500
06-10-93 10:51:39	* FAL87	LOW FLOW QUENCH RECIRC, FLOW=	142 GPM
06-10-93 10:51:40	FAL87	ACK of 06-10-93 10:51:39	489
06-10-93 10:51:45	FAL87	NORMAL of 06-10-93 10:51:39	489
06-10-93 10:55:27	LAHH106	NORMAL of 06-10-93 05:36:57	10806
06-10-93 10:57:27	* AAL30	LOW 02 LEVEL IN STACK, 3.1 PERCENT	
06-10-93 10:57:31	AAL30	ACK of 06-10-93 10:57:27	3
06-10-93 10:57:36	AAL30	NORMAL of 06-10-93 10:57:27	3.1
06-10-93 11:04:42	* PAH103A	HI PRESS WASTE XFER PUMP P103A	
06-10-93 11:05:00	* PAH103A	NORMAL of 06-10-93 11:04:42	
06-10-93 11:05:20	* PAH103A	ACK of 06-10-93 11:04:42	
06-10-93 11:07:06	PAH103B	NORMAL of 06-10-93 07:04:51	
06-10-93 11:07:06	XFER2_C	NORMAL of 06-10-93 05:36:57	
06-10-93 11:09:03	LAL105	NORMAL of 06-10-93 10:46:24	1997
06-10-93 11:15:54	* FAL87	LOW FLOW QUENCH RECIRC, FLOW=	363 GPM
06-10-93 11:16:03	* FAL87	NORMAL of 06-10-93 11:15:54	500
06-10-93 11:16:19	* FAL87	ACK of 06-10-93 11:15:54	500
06-10-93 11:18:36	* AAH70	HIGH CO, 107.80 PPM	
06-10-93 11:18:39	AAH70	ACK of 06-10-93 11:18:36	107.8
06-10-93 11:18:45	AAH70	NORMAL of 06-10-93 11:18:36	101.9
06-10-93 11:23:21	TAH46	NORMAL of 06-10-93 07:54:39	0
06-10-93 11:23:36	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93 11:24:28	TAH46	ACK of 06-10-93 11:23:36	0
06-10-93 11:27:48	TAH46	NORMAL of 06-10-93 11:23:36	0
06-10-93 11:27:51	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93 11:27:54	TAH46	ACK of 06-10-93 11:27:51	0
06-10-93 11:29:09	TAH46	NORMAL of 06-10-93 11:27:51	0
06-10-93 11:29:27	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93 11:29:30	TAH46	ACK of 06-10-93 11:29:27	0
06-10-93 11:34:39	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW=	290 GPM

06-10-93 11:34:45	* FAL65	NORMAL of 06-10-93 11:34:39	290
06-10-93 11:35:36	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93 11:35:39	* FAL65	NORMAL of 06-10-93 11:35:36	290
06-10-93 11:36:11	* FAL65	ACK of 06-10-93 11:35:36	290
06-10-93 11:36:12	* FAL65	ACK of 06-10-93 11:34:39	290
06-10-93 11:39:15	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93 11:39:21	* FAL65	NORMAL of 06-10-93 11:39:15	290
06-10-93 11:39:24	* FAL65	ACK of 06-10-93 11:39:15	290
06-10-93 11:39:45	TAH46	NORMAL of 06-10-93 11:29:27	0
06-10-93 11:39:48	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93 11:39:54	TAH46	ACK of 06-10-93 11:39:48	0
06-10-93 11:40:03	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93 11:40:06	* FAL65	NORMAL of 06-10-93 11:40:03	291
06-10-93 11:40:42	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93 11:40:45	* FAL65	NORMAL of 06-10-93 11:40:42	290
06-10-93 11:41:12	* FAL65	ACK of 06-10-93 11:40:42	290
06-10-93 11:41:13	* FAL65	ACK of 06-10-93 11:40:03	290
06-10-93 11:41:21	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-10-93 11:41:23	FAL87	ACK of 06-10-93 11:41:21	0
06-10-93 11:41:30	* FALL87	LOW LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-10-93 11:41:46	FALL87	ACK of 06-10-93 11:41:30	0
06-10-93 11:43:06	FALL87	NORMAL of 06-10-93 11:41:30	500
06-10-93 11:43:09	FAL87	NORMAL of 06-10-93 11:41:21	500
06-10-93 11:43:51	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-10-93 11:43:52	FAL87	ACK of 06-10-93 11:43:51	0
06-10-93 11:44:00	FAL87	NORMAL of 06-10-93 11:43:51	500
06-10-93 11:44:21	TAH46	NORMAL of 06-10-93 11:39:48	0
06-10-93 11:44:24	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93 11:44:27	* TAH46	NORMAL of 06-10-93 11:44:24	0
06-10-93 11:44:30	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93 11:44:34	TAH46	ACK of 06-10-93 11:44:30	0
06-10-93 11:44:34	* TAH46	ACK of 06-10-93 11:44:24	0
06-10-93 11:45:15	TAH46	NORMAL of 06-10-93 11:44:30	0
06-10-93 11:45:27	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93 11:45:39	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93 11:45:41	FAL65	ACK of 06-10-93 11:45:39	290
06-10-93 11:45:41	TAH46	ACK of 06-10-93 11:45:27	0
06-10-93 11:45:42	FAL65	NORMAL of 06-10-93 11:45:39	290
06-10-93 11:46:42	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 289 GPM	
06-10-93 11:46:44	FAL65	ACK of 06-10-93 11:46:42	289
06-10-93 11:46:45	FAL65	NORMAL of 06-10-93 11:46:42	289
06-10-93 11:46:48	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 291 GPM	
06-10-93 11:46:51	* FAL65	NORMAL of 06-10-93 11:46:48	291
06-10-93 11:46:53	* FAL65	ACK of 06-10-93 11:46:48	291
06-10-93 11:46:54	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93 11:46:57	* FAL65	NORMAL of 06-10-93 11:46:54	290
06-10-93 11:47:00	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93 11:47:03	* FAL65	NORMAL of 06-10-93 11:47:00	290
06-10-93 11:47:10	* FAL65	ACK of 06-10-93 11:47:00	290
06-10-93 11:47:10	* FAL65	ACK of 06-10-93 11:46:54	290
06-10-93 11:48:51	FAD15E	NORMAL of 06-10-93 02:06:00	136
06-10-93 11:49:18	* FAD15E	DEV ALARM AIR INJECTOR E, FLOW= 134 SCFM	
06-10-93 11:49:48	* FAD15E	NORMAL of 06-10-93 11:49:18	134
06-10-93 11:50:21	TAH46	NORMAL of 06-10-93 11:45:27	0
06-10-93 11:50:24	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93 11:50:31	TAH46	ACK of 06-10-93 11:50:24	0
06-10-93 11:50:31	* FAD15E	ACK of 06-10-93 11:49:18	139
06-10-93 11:52:48	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 291 GPM	
06-10-93 11:52:55	FAL65	ACK of 06-10-93 11:52:48	290
06-10-93 11:52:57	FAL65	NORMAL of 06-10-93 11:52:48	290

06-10-93	11:54:51	* PDAH53	VENTURI HI DIFF PRESSURE, 89.3 IN WC	
06-10-93	11:55:24	PDAH53	ACK of 06-10-93 11:54:51	90.15
06-10-93	11:55:33	PDAH53	NORMAL of 06-10-93 11:54:51	88.9
06-10-93	11:56:42	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93	11:56:44	FAL65	ACK of 06-10-93 11:56:42	290
06-10-93	11:56:45	FAL65	NORMAL of 06-10-93 11:56:42	290
06-10-93	11:57:36	* AAH70	HIGH CO, 104.60 PPM	
06-10-93	11:57:38	AAH70	ACK of 06-10-93 11:57:36	104.6
06-10-93	11:57:42	AAH70	NORMAL of 06-10-93 11:57:36	92.2
06-10-93	11:59:03	* AAH70	HIGH CO, 114.20 PPM	
06-10-93	11:59:09	AAH70	ACK of 06-10-93 11:59:03	128.4
06-10-93	11:59:36	AAH70	NORMAL of 06-10-93 11:59:03	91.3
06-10-93	12:00:03	* AAH70	HIGH CO, 118.20 PPM	
06-10-93	12:00:11	AAH70	ACK of 06-10-93 12:00:03	109.1
06-10-93	12:00:36	AAH70	NORMAL of 06-10-93 12:00:03	75.7
06-10-93	12:01:18	* AAH70	HIGH CO, 114.80 PPM	
06-10-93	12:01:22	AAH70	ACK of 06-10-93 12:01:18	129.3
06-10-93	12:01:33	AAH70	NORMAL of 06-10-93 12:01:18	102.8
06-10-93	12:01:57	* AAL30	LOW 02 LEVEL IN STACK, 3.0 PERCENT	
06-10-93	12:02:01	AAL30	ACK of 06-10-93 12:01:57	3
06-10-93	12:02:06	AAL30	NORMAL of 06-10-93 12:01:57	3.1
06-10-93	12:02:24	* AAL30	LOW 02 LEVEL IN STACK, 3.2 PERCENT	
06-10-93	12:02:28	AAL30	ACK of 06-10-93 12:02:24	3
06-10-93	12:02:33	TAH46	NORMAL of 06-10-93 11:50:24	0
06-10-93	12:02:33	AAL30	NORMAL of 06-10-93 12:02:24	3.1
06-10-93	12:02:42	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	12:03:03	TAH46	ACK of 06-10-93 12:02:42	0
06-10-93	12:03:27	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 289 GPM	
06-10-93	12:03:30	* FAL65	NORMAL of 06-10-93 12:03:27	289
06-10-93	12:03:33	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 289 GPM	
06-10-93	12:03:36	* FAL65	NORMAL of 06-10-93 12:03:33	290
06-10-93	12:03:39	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93	12:03:42	* FAL65	NORMAL of 06-10-93 12:03:39	289
06-10-93	12:04:12	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93	12:04:15	* FAL65	NORMAL of 06-10-93 12:04:12	290
06-10-93	12:04:17	* FAL65	ACK of 06-10-93 12:04:12	290
06-10-93	12:04:17	* FAL65	ACK of 06-10-93 12:03:39	290
06-10-93	12:04:17	* FAL65	ACK of 06-10-93 12:03:33	290
06-10-93	12:04:18	* FAL65	ACK of 06-10-93 12:03:27	290
06-10-93	12:04:18	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93	12:04:21	* FAL65	NORMAL of 06-10-93 12:04:18	290
06-10-93	12:04:24	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93	12:04:30	LAH106	NORMAL of 06-10-93 05:03:00	9591
06-10-93	12:04:33	* FAL65	NORMAL of 06-10-93 12:04:24	290
06-10-93	12:04:33	* LAH106	HIGH LEVEL DAY TANK 106, LEV= 9591 GAL	
06-10-93	12:04:36	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 289 GPM	
06-10-93	12:04:36	* LAH106	NORMAL of 06-10-93 12:04:33	9581
06-10-93	12:04:38	FAL65	ACK of 06-10-93 12:04:36	289
06-10-93	12:04:38	* LAH106	ACK of 06-10-93 12:04:33	9581
06-10-93	12:04:38	* FAL65	ACK of 06-10-93 12:04:24	289
06-10-93	12:04:38	* FAL65	ACK of 06-10-93 12:04:18	289
06-10-93	12:04:42	FAL65	NORMAL of 06-10-93 12:04:36	290
06-10-93	12:06:48	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-10-93	12:06:52	FAL87	ACK of 06-10-93 12:06:48	467
06-10-93	12:06:54	FAL87	NORMAL of 06-10-93 12:06:48	467
06-10-93	12:07:51	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 289 GPM	
06-10-93	12:07:53	FAL65	ACK of 06-10-93 12:07:51	289
06-10-93	12:07:57	FAL65	NORMAL of 06-10-93 12:07:51	290
06-10-93	12:08:00	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93	12:08:09	* FAL65	NORMAL of 06-10-93 12:08:00	290

06-10-93 12:08:09	* FAL65	ACK of 06-10-93 12:08:00	290
06-10-93 12:08:12	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93 12:08:15	* FAL65	NORMAL of 06-10-93 12:08:12	290
06-10-93 12:08:21	* FAL65	ACK of 06-10-93 12:08:12	289
06-10-93 12:08:39	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 289 GPM	
06-10-93 12:08:55	FAL65	ACK of 06-10-93 12:08:39	289
06-10-93 12:09:21	FAL65	NORMAL of 06-10-93 12:08:39	288
06-10-93 12:09:33	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93 12:09:39	* FAL65	NORMAL of 06-10-93 12:09:33	289
06-10-93 12:09:57	* FAL65	ACK of 06-10-93 12:09:33	292
06-10-93 12:13:03	* FAD22B	INJECTOR B DEV ALARM, FLOW= 34.7 LB/MIN	
06-10-93 12:13:06	FAD22B	ACK of 06-10-93 12:13:03	33.77
06-10-93 12:13:12	FAD22B	NORMAL of 06-10-93 12:13:03	33.42
06-10-93 12:13:21	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93 12:13:24	* FAL65	NORMAL of 06-10-93 12:13:21	291
06-10-93 12:14:09	* FAD22A	INJECTOR A DEV ALARM, FLOW= 0.3 LB/MIN	
06-10-93 12:14:11	FAD22A	ACK of 06-10-93 12:14:09	0.15
06-10-93 12:14:11	* FAL65	ACK of 06-10-93 12:13:21	290
06-10-93 12:14:33	* FAD15A	DEV ALARM AIR INJECTOR A, FLOW= 0 SCFM	
06-10-93 12:14:33	* PDAH53	VENTURI HI DIFF PRESSURE, 92.3 IN WC	
06-10-93 12:14:35	PDAH53	ACK of 06-10-93 12:14:33	92.31
06-10-93 12:14:35	FAD15A	ACK of 06-10-93 12:14:33	0
06-10-93 12:14:54	PDAH53	NORMAL of 06-10-93 12:14:33	90.18
06-10-93 12:16:36	TAH46	NORMAL of 06-10-93 12:02:42	0
06-10-93 12:16:42	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93 12:16:50	TAH46	ACK of 06-10-93 12:16:42	0
06-10-93 12:16:57	TAH46	NORMAL of 06-10-93 12:16:42	0
06-10-93 12:17:03	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93 12:17:06	TAH46	ACK of 06-10-93 12:17:03	0
06-10-93 12:17:12	TAH46	NORMAL of 06-10-93 12:17:03	0
06-10-93 12:17:15	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93 12:17:18	* TAH46	NORMAL of 06-10-93 12:17:15	0
06-10-93 12:17:39	* PDAH53	VENTURI HI DIFF PRESSURE, 90.8 IN WC	
06-10-93 12:17:42	* PDAH53	NORMAL of 06-10-93 12:17:39	90.84
06-10-93 12:18:00	* PDAH53	ACK of 06-10-93 12:17:39	88.17
06-10-93 12:18:01	* TAH46	ACK of 06-10-93 12:17:15	0
06-10-93 12:18:12	* PDAH53	VENTURI HI DIFF PRESSURE, 87.8 IN WC	
06-10-93 12:18:15	* PDAH53	NORMAL of 06-10-93 12:18:12	87.8
06-10-93 12:18:27	* PDAH53	VENTURI HI DIFF PRESSURE, 89.9 IN WC	
06-10-93 12:18:30	* PDAH53	NORMAL of 06-10-93 12:18:27	89.85
06-10-93 12:18:32	* PDAH53	ACK of 06-10-93 12:18:27	87.44
06-10-93 12:18:32	* PDAH53	ACK of 06-10-93 12:18:12	87.44
06-10-93 12:19:24	* PDAH53	VENTURI HI DIFF PRESSURE, 91.9 IN WC	
06-10-93 12:19:30	* PDAH53	NORMAL of 06-10-93 12:19:24	86.08
06-10-93 12:19:39	* PDAH53	VENTURI HI DIFF PRESSURE, 91.3 IN WC	
06-10-93 12:19:39	FAD22A	NORMAL of 06-10-93 12:14:09	10.56
06-10-93 12:19:44	PDAH53	ACK of 06-10-93 12:19:39	89.93
06-10-93 12:19:44	* PDAH53	ACK of 06-10-93 12:19:24	89.93
06-10-93 12:19:45	PDAH53	NORMAL of 06-10-93 12:19:39	89.93
06-10-93 12:19:54	* FAH22A	HIGH FLOW TO NOZZLE A, FLOW= 53.7 LB/MIN	
06-10-93 12:20:15	FAH22A	ACK of 06-10-93 12:19:54	57.58
06-10-93 12:20:33	* PAH11	HIGH NATURAL GAS PRESSURE	
06-10-93 12:20:59	PAH11	ACK of 06-10-93 12:20:33	
06-10-93 12:21:15	FAH22A	NORMAL of 06-10-93 12:19:54	22.04
06-10-93 12:21:18	FAD15A	NORMAL of 06-10-93 12:14:33	108
06-10-93 12:21:36	PAH11	NORMAL of 06-10-93 12:20:33	
06-10-93 12:21:36	* PDAH53	VENTURI HI DIFF PRESSURE, 88.1 IN WC	
06-10-93 12:21:39	* PDAH53	NORMAL of 06-10-93 12:21:36	88.06
06-10-93 12:22:00	* PAH11	HIGH NATURAL GAS PRESSURE	
06-10-93 12:22:03	PAH11	ACK of 06-10-93 12:22:00	

06-10-93	12:22:03	* PDAH53	ACK of 06-10-93 12:21:36	91.58
06-10-93	12:22:09	* PDAH53	VENTURI HI DIFF PRESSURE, 92.5 IN WC	
06-10-93	12:22:12	* PDAH53	NORMAL of 06-10-93 12:22:09	88.13
06-10-93	12:22:39	* FAH22A	HIGH FLOW TO NOZZLE A, FLOW= 30.6 LB/MIN	
06-10-93	12:22:39	* PDAH53	VENTURI HI DIFF PRESSURE, 88.6 IN WC	
06-10-93	12:22:51	PDAH53	ACK of 06-10-93 12:22:39	89.05
06-10-93	12:22:51	FAH22A	ACK of 06-10-93 12:22:39	51.25
06-10-93	12:22:51	* PDAH53	ACK of 06-10-93 12:22:09	89.05
06-10-93	12:23:03	FAH22A	NORMAL of 06-10-93 12:22:39	0.62
06-10-93	12:23:03	PDAH53	NORMAL of 06-10-93 12:22:39	87.44
06-10-93	12:23:09	* FAD15A	DEV ALARM AIR INJECTOR A, FLOW= 0 SCFM	
06-10-93	12:23:14	FAD15A	ACK of 06-10-93 12:23:09	0
06-10-93	12:23:18	* FAD22A	INJECTOR A DEV ALARM, FLOW= 0.2 LB/MIN	
06-10-93	12:23:25	FAD22A	ACK of 06-10-93 12:23:18	0.09
06-10-93	12:24:18	FAD15A	NORMAL of 06-10-93 12:23:09	130
06-10-93	12:24:30	* PAL27A	LOW PRESSURE NOZZLE A, PRESS= 23 PSIG	
06-10-93	12:25:13	PAL27A	ACK of 06-10-93 12:24:30	20
06-10-93	12:25:24	* LAH409	HI LVL TRUCK LOADING SUMP TK409	
06-10-93	12:25:27	LAH409	ACK of 06-10-93 12:25:24	
06-10-93	12:25:30	LAH409	NORMAL of 06-10-93 12:25:24	
06-10-93	12:25:54	* LAH409	HI LVL TRUCK LOADING SUMP TK409	
06-10-93	12:25:57	* LAH409	NORMAL of 06-10-93 12:25:54	
06-10-93	12:26:36	PAL27A	NORMAL of 06-10-93 12:24:30	37
06-10-93	12:26:42	FAD22A	NORMAL of 06-10-93 12:23:18	9.66
06-10-93	12:26:44	* LAH409	ACK of 06-10-93 12:25:54	
06-10-93	12:27:15	* PDAH53	VENTURI HI DIFF PRESSURE, 90.6 IN WC	
06-10-93	12:27:18	PAH11	NORMAL of 06-10-93 12:22:00	
06-10-93	12:27:18	* PDAH53	NORMAL of 06-10-93 12:27:15	89.16
06-10-93	12:27:19	* PDAH53	ACK of 06-10-93 12:27:15	89.16
06-10-93	12:27:27	* DEV_OFF	DEVELOPMENT PLC OFFLINE	
06-10-93	12:27:31	DEV_OFF	ACK of 06-10-93 12:27:27	
06-10-93	12:27:45	* PAH11	HIGH NATURAL GAS PRESSURE	
06-10-93	12:27:47	PAH11	ACK of 06-10-93 12:27:45	
06-10-93	12:27:48	DEV_OFF	NORMAL of 06-10-93 12:27:27	
06-10-93	12:28:09	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93	12:28:12	* FAL65	NORMAL of 06-10-93 12:28:09	290
06-10-93	12:28:14	* FAL65	ACK of 06-10-93 12:28:09	290
06-10-93	12:28:18	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93	12:28:18	* LAH409	HI LVL TRUCK LOADING SUMP TK409	
06-10-93	12:28:21	* FAL65	NORMAL of 06-10-93 12:28:18	290
06-10-93	12:28:21	LAH409	ACK of 06-10-93 12:28:18	
06-10-93	12:28:21	* FAL65	ACK of 06-10-93 12:28:18	290
06-10-93	12:28:24	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 300 GPM	
06-10-93	12:28:27	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 291 GPM	
06-10-93	12:28:27	LAH409	NORMAL of 06-10-93 12:28:18	
06-10-93	12:28:30	* FAL65	NORMAL of 06-10-93 12:28:27	291
06-10-93	12:28:30	* FAL87	NORMAL of 06-10-93 12:28:24	295
06-10-93	12:28:30	PAH11	NORMAL of 06-10-93 12:27:45	
06-10-93	12:28:31	* FAL65	ACK of 06-10-93 12:28:27	291
06-10-93	12:28:31	* FAL87	ACK of 06-10-93 12:28:24	295
06-10-93	12:28:48	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 307 GPM	
06-10-93	12:28:51	* FAL87	NORMAL of 06-10-93 12:28:48	307
06-10-93	12:28:51	* AAL30	LOW O2 LEVEL IN STACK, 3.1 PERCENT	
06-10-93	12:28:55	AAL30	ACK of 06-10-93 12:28:51	2.9
06-10-93	12:28:56	* FAL87	ACK of 06-10-93 12:28:48	300
06-10-93	12:28:57	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 289 GPM	
06-10-93	12:28:59	FAL65	ACK of 06-10-93 12:28:57	289
06-10-93	12:29:00	FAL65	NORMAL of 06-10-93 12:28:57	290
06-10-93	12:29:03	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 309 GPM	
06-10-93	12:29:05	FAL87	ACK of 06-10-93 12:29:03	309

06-10-93	12:29:06	FAL87	NORMAL of 06-10-93 12:29:03	307
06-10-93	12:29:12	* FAD15B	DEV ALARM AIR INJECTOR B, FLOW=	0 SCFM
06-10-93	12:29:18	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW=	291 GPM
06-10-93	12:29:18	AAL30	NORMAL of 06-10-93 12:28:51	3
06-10-93	12:29:22	FAL65	ACK of 06-10-93 12:29:18	291
06-10-93	12:29:22	FAD15B	ACK of 06-10-93 12:29:12	0
06-10-93	12:29:27	FAL65	NORMAL of 06-10-93 12:29:18	293
06-10-93	12:29:27	* FAH22B	HIGH FLOW TO NOZZLE B, FLOW=	48.5 LB/MIN
06-10-93	12:29:27	* AAL30	LOW O2 LEVEL IN STACK, 2.8 PERCENT	
06-10-93	12:29:42	* PAL27B	LOW PRESSURE NOZZLE B, PRESS=	25 PSIG
06-10-93	12:29:48	PAL27B	ACK of 06-10-93 12:29:42	25
06-10-93	12:29:48	AAL30	ACK of 06-10-93 12:29:27	2.7
06-10-93	12:29:48	FAH22B	ACK of 06-10-93 12:29:27	56.85
06-10-93	12:30:06	* FAL87	LOW FLOW QUENCH RECIRC, FLOW=	309 GPM
06-10-93	12:30:06	AAL30	NORMAL of 06-10-93 12:29:27	3.1
06-10-93	12:30:09	* FAL87	NORMAL of 06-10-93 12:30:06	309
06-10-93	12:30:12	* FAL87	LOW FLOW QUENCH RECIRC, FLOW=	305 GPM
06-10-93	12:30:12	FAH22B	NORMAL of 06-10-93 12:29:27	25.95
06-10-93	12:30:12	PAL27B	NORMAL of 06-10-93 12:29:42	51
06-10-93	12:30:14	FAL87	ACK of 06-10-93 12:30:12	305
06-10-93	12:30:14	* FAL87	ACK of 06-10-93 12:30:06	305
06-10-93	12:30:15	FAL87	NORMAL of 06-10-93 12:30:12	305
06-10-93	12:30:15	FAD15B	NORMAL of 06-10-93 12:29:12	120
06-10-93	12:30:18	* PDAH53	VENTURI HI DIFF PRESSURE, 89.6 IN WC	
06-10-93	12:30:21	* PDAH53	NORMAL of 06-10-93 12:30:18	89.63
06-10-93	12:30:24	* FAL87	LOW FLOW QUENCH RECIRC, FLOW=	311 GPM
06-10-93	12:30:27	* FAL87	NORMAL of 06-10-93 12:30:24	311
06-10-93	12:30:30	* FAL87	LOW FLOW QUENCH RECIRC, FLOW=	296 GPM
06-10-93	12:30:33	* AAL30	LOW O2 LEVEL IN STACK, 3.1 PERCENT	
06-10-93	12:30:36	AAL30	ACK of 06-10-93 12:30:33	3.1
06-10-93	12:30:36	FAL87	ACK of 06-10-93 12:30:30	292
06-10-93	12:30:36	* FAL87	ACK of 06-10-93 12:30:24	292
06-10-93	12:30:36	* PDAH53	ACK of 06-10-93 12:30:18	91.1
06-10-93	12:30:39	AAL30	NORMAL of 06-10-93 12:30:33	3.1
06-10-93	12:30:42	FAL87	NORMAL of 06-10-93 12:30:30	294
06-10-93	12:30:42	* LAH409	HI LVL TRUCK LOADING SUMP TK409	
06-10-93	12:30:45	* FAL87	LOW FLOW QUENCH RECIRC, FLOW=	294 GPM
06-10-93	12:30:45	* LAH409	NORMAL of 06-10-93 12:30:42	
06-10-93	12:30:51	* AAL30	LOW O2 LEVEL IN STACK, 3.0 PERCENT	
06-10-93	12:31:00	* FAL87	NORMAL of 06-10-93 12:30:45	294
06-10-93	12:31:00	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	12:31:03	* FAL87	LOW FLOW QUENCH RECIRC, FLOW=	294 GPM
06-10-93	12:31:06	* TAH46	NORMAL of 06-10-93 12:31:00	0
06-10-93	12:31:06	* AAL30	NORMAL of 06-10-93 12:30:51	3.1
06-10-93	12:31:07	FAL87	ACK of 06-10-93 12:31:03	291
06-10-93	12:31:07	* TAH46	ACK of 06-10-93 12:31:00	0
06-10-93	12:31:07	* AAL30	ACK of 06-10-93 12:30:51	3.1
06-10-93	12:31:07	* FAL87	ACK of 06-10-93 12:30:45	291
06-10-93	12:31:08	* LAH409	ACK of 06-10-93 12:30:42	
06-10-93	12:31:15	FAL87	NORMAL of 06-10-93 12:31:03	295
06-10-93	12:31:18	* FAL87	LOW FLOW QUENCH RECIRC, FLOW=	279 GPM
06-10-93	12:31:36	* PAH11	HIGH NATURAL GAS PRESSURE	
06-10-93	12:31:39	* FAL87	NORMAL of 06-10-93 12:31:18	296
06-10-93	12:31:42	* FAL87	LOW FLOW QUENCH RECIRC, FLOW=	288 GPM
06-10-93	12:31:51	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	12:31:54	* FAL87	NORMAL of 06-10-93 12:31:42	301
06-10-93	12:31:54	TAH46	ACK of 06-10-93 12:31:51	0
06-10-93	12:31:54	* FAL87	ACK of 06-10-93 12:31:42	301
06-10-93	12:31:54	PAH11	ACK of 06-10-93 12:31:36	
06-10-93	12:31:54	* FAL87	ACK of 06-10-93 12:31:18	301

06-10-93	12:31:54	TAH46	NORMAL of 06-10-93 12:31:51	0
06-10-93	12:31:57	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 292 GPM	
06-10-93	12:32:03	* FAH22B	HIGH FLOW TO NOZZLE B, FLOW= 54.5 LB/MIN	
06-10-93	12:32:06	* FAH22B	NORMAL of 06-10-93 12:32:03	0.54
06-10-93	12:32:09	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93	12:32:10	FAL65	ACK of 06-10-93 12:32:09	290
06-10-93	12:32:10	* FAH22B	ACK of 06-10-93 12:32:03	0.34
06-10-93	12:32:11	FAL87	ACK of 06-10-93 12:31:57	292
06-10-93	12:32:12	FAL65	NORMAL of 06-10-93 12:32:09	290
06-10-93	12:32:12	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	12:32:15	* TAH46	NORMAL of 06-10-93 12:32:12	0
06-10-93	12:32:18	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93	12:32:21	* FAL65	NORMAL of 06-10-93 12:32:18	290
06-10-93	12:32:27	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93	12:32:27	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	12:32:30	* FAL65	NORMAL of 06-10-93 12:32:27	290
06-10-93	12:32:30	* TAH46	NORMAL of 06-10-93 12:32:27	0
06-10-93	12:32:30	* FAD15B	DEV ALARM AIR INJECTOR B, FLOW= 0 SCFM	
06-10-93	12:32:36	* FALL87	LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-10-93	12:32:37	FALL87	ACK of 06-10-93 12:32:36	0
06-10-93	12:32:37	FAD15B	ACK of 06-10-93 12:32:30	0
06-10-93	12:32:37	* TAH46	ACK of 06-10-93 12:32:27	0
06-10-93	12:32:37	* FAL65	ACK of 06-10-93 12:32:27	290
06-10-93	12:32:37	* FAL65	ACK of 06-10-93 12:32:18	290
06-10-93	12:32:38	* TAH46	ACK of 06-10-93 12:32:12	0
06-10-93	12:32:42	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	12:32:45	* TAH46	NORMAL of 06-10-93 12:32:42	0
06-10-93	12:32:51	FAD15B	NORMAL of 06-10-93 12:32:30	139
06-10-93	12:32:54	* PDAH53	VENTURI HI DIFF PRESSURE, 91.9 IN WC	
06-10-93	12:32:54	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	12:32:57	* TAH46	NORMAL of 06-10-93 12:32:54	0
06-10-93	12:33:00	* PDAH53	NORMAL of 06-10-93 12:32:54	90.33
06-10-93	12:33:00	* FAD22B	INJECTOR B DEV ALARM, FLOW= 1.9 LB/MIN	
06-10-93	12:33:03	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	12:33:06	PAH11	NORMAL of 06-10-93 12:31:36	
06-10-93	12:33:06	* TAH46	NORMAL of 06-10-93 12:33:03	0
06-10-93	12:33:12	* TAH46	ACK of 06-10-93 12:33:03	0
06-10-93	12:33:12	FAD22B	ACK of 06-10-93 12:33:00	0.98
06-10-93	12:33:12	* TAH46	ACK of 06-10-93 12:32:54	0
06-10-93	12:33:13	* PDAH53	ACK of 06-10-93 12:32:54	90.95
06-10-93	12:33:13	* TAH46	ACK of 06-10-93 12:32:42	0
06-10-93	12:33:18	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93	12:33:18	* PAL27B	LOW PRESSURE NOZZLE B, PRESS= 26 PSIG	
06-10-93	12:33:21	* FAL65	NORMAL of 06-10-93 12:33:18	290
06-10-93	12:33:24	* FAD15B	DEV ALARM AIR INJECTOR B, FLOW= 148 SCFM	
06-10-93	12:33:28	FAD15B	ACK of 06-10-93 12:33:24	145
06-10-93	12:33:29	PAL27B	ACK of 06-10-93 12:33:18	34
06-10-93	12:33:29	* FAL65	ACK of 06-10-93 12:33:18	290
06-10-93	12:33:30	* PAH11	HIGH NATURAL GAS PRESSURE	
06-10-93	12:33:30	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	12:33:30	PAL27B	NORMAL of 06-10-93 12:33:18	37
06-10-93	12:33:33	FAD22B	NORMAL of 06-10-93 12:33:00	25.38
06-10-93	12:33:36	* TAH46	NORMAL of 06-10-93 12:33:30	0
06-10-93	12:33:39	FAD15B	NORMAL of 06-10-93 12:33:24	142
06-10-93	12:33:52	* TAH46	ACK of 06-10-93 12:33:30	0
06-10-93	12:33:52	PAH11	ACK of 06-10-93 12:33:30	
06-10-93	12:33:54	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	12:34:06	* TAH46	NORMAL of 06-10-93 12:33:54	0
06-10-93	12:34:10	* TAH46	ACK of 06-10-93 12:33:54	0
06-10-93	12:34:12	* FAD15B	DEV ALARM AIR INJECTOR B, FLOW= 141 SCFM	

06-10-93	12:34:18	* FAD22B	INJECTOR B DEV ALARM, FLOW= 20.9 LB/MIN	
06-10-93	12:34:21	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	12:34:24	* TAH46	NORMAL of 06-10-93 12:34:21	0
06-10-93	12:34:31	* TAH46	ACK of 06-10-93 12:34:21	0
06-10-93	12:34:31	FAD22B	ACK of 06-10-93 12:34:18	20.22
06-10-93	12:34:31	FAD15B	ACK of 06-10-93 12:34:12	140
06-10-93	12:35:06	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	12:35:09	* TAH46	NORMAL of 06-10-93 12:35:06	0
06-10-93	12:35:09	* TAH46	ACK of 06-10-93 12:35:06	0
06-10-93	12:35:36	FAD22B	NORMAL of 06-10-93 12:34:18	18.52
06-10-93	12:35:45	* FAD22B	INJECTOR B DEV ALARM, FLOW= 18.6 LB/MIN	
06-10-93	12:35:48	* FAD22B	NORMAL of 06-10-93 12:35:45	17.14
06-10-93	12:36:00	* FAD30	DEV ALARM SECOND. AIR FLOW, FLOW= 2072 SCFM	
06-10-93	12:36:03	FAD30	ACK of 06-10-93 12:36:00	2072
06-10-93	12:36:03	* FAD22B	ACK of 06-10-93 12:35:45	17.79
06-10-93	12:36:21	* FAD15C	DEV ALARM AIR INJECTOR C, FLOW= 149 SCFM	
06-10-93	12:36:23	FAD15C	ACK of 06-10-93 12:36:21	149
06-10-93	12:36:33	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	12:36:33	FAD15C	NORMAL of 06-10-93 12:36:21	54
06-10-93	12:36:36	TAH46	ACK of 06-10-93 12:36:33	0
06-10-93	12:36:39	TAH46	NORMAL of 06-10-93 12:36:33	0
06-10-93	12:36:45	* PDAH53	VENTURI HI DIFF PRESSURE, 93.0 IN WC	
06-10-93	12:36:48	* PDAH53	NORMAL of 06-10-93 12:36:45	92.97
06-10-93	12:36:50	* PDAH53	ACK of 06-10-93 12:36:45	92.97
06-10-93	12:36:54	PAH11	NORMAL of 06-10-93 12:33:30	
06-10-93	12:37:03	* FAD15C	DEV ALARM AIR INJECTOR C, FLOW= 0 SCFM	
06-10-93	12:37:06	* FAH22C	HIGH FLOW TO NOZZLE C, FLOW= 38.8 LB/MIN	
06-10-93	12:37:18	FAH22C	ACK of 06-10-93 12:37:06	45.05
06-10-93	12:37:18	FAD15C	ACK of 06-10-93 12:37:03	0
06-10-93	12:37:21	* PAH11	HIGH NATURAL GAS PRESSURE	
06-10-93	12:37:33	PAH11	ACK of 06-10-93 12:37:21	
06-10-93	12:38:06	FAH22C	NORMAL of 06-10-93 12:37:06	20.45
06-10-93	12:38:09	FAD15C	NORMAL of 06-10-93 12:37:03	131
06-10-93	12:38:39	* FAD48	DEV FLOW SCRUBBER MAKEUP, FLOW= 2.9 GPM	
06-10-93	12:38:41	FAD48	ACK of 06-10-93 12:38:39	8.36
06-10-93	12:38:45	FAD15B	NORMAL of 06-10-93 12:34:12	134
06-10-93	12:38:45	FAD48	NORMAL of 06-10-93 12:38:39	8.36
06-10-93	12:38:51	PAH11	NORMAL of 06-10-93 12:37:21	
06-10-93	12:39:03	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	12:39:06	TAH46	ACK of 06-10-93 12:39:03	0
06-10-93	12:39:09	TAH46	NORMAL of 06-10-93 12:39:03	0
06-10-93	12:39:12	* FAD15B	DEV ALARM AIR INJECTOR B, FLOW= 138 SCFM	
06-10-93	12:39:15	* PAH11	HIGH NATURAL GAS PRESSURE	
06-10-93	12:39:17	PAH11	ACK of 06-10-93 12:39:15	
06-10-93	12:39:17	FAD15B	ACK of 06-10-93 12:39:12	133
06-10-93	12:39:18	FAD15B	NORMAL of 06-10-93 12:39:12	133
06-10-93	12:39:21	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93	12:39:24	* FAL65	NORMAL of 06-10-93 12:39:21	289
06-10-93	12:39:33	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93	12:39:36	* FAL65	NORMAL of 06-10-93 12:39:33	290
06-10-93	12:39:43	* FAL65	ACK of 06-10-93 12:39:33	290
06-10-93	12:39:43	* FAL65	ACK of 06-10-93 12:39:21	290
06-10-93	12:39:48	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 289 GPM	
06-10-93	12:39:49	FAL65	ACK of 06-10-93 12:39:48	289
06-10-93	12:39:57	FAL65	NORMAL of 06-10-93 12:39:48	290
06-10-93	12:39:57	FAL87	NORMAL of 06-10-93 12:31:57	447
06-10-93	12:39:57	FALL87	NORMAL of 06-10-93 12:32:36	447
06-10-93	12:40:06	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93	12:40:09	* AAH68	HIGH THC, 5.50 PPM	
06-10-93	12:40:09	AAH68	ACK of 06-10-93 12:40:09	5.5

06-10-93	12:40:09	FAL65	ACK of 06-10-93 12:40:06	290
06-10-93	12:40:12	AAH68	NORMAL of 06-10-93 12:40:09	5.7
06-10-93	12:40:21	FAL65	NORMAL of 06-10-93 12:40:06	292
06-10-93	12:40:54	* FAD15C	DEV ALARM AIR INJECTOR C, FLOW= 0 SCFM	
06-10-93	12:40:56	FAD15C	ACK of 06-10-93 12:40:54	0
06-10-93	12:41:09	* FAD22C	INJECTOR C DEV ALARM, FLOW= 0.5 LB/MIN	
06-10-93	12:41:21	FAD15C	NORMAL of 06-10-93 12:40:54	166
06-10-93	12:41:51	* FAD15C	DEV ALARM AIR INJECTOR C, FLOW= 152 SCFM	
06-10-93	12:41:53	FAD15C	ACK of 06-10-93 12:41:51	152
06-10-93	12:41:53	FAD22C	ACK of 06-10-93 12:41:09	7.99
06-10-93	12:43:06	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93	12:43:06	FAD22C	NORMAL of 06-10-93 12:41:09	8.4
06-10-93	12:43:08	FAL65	ACK of 06-10-93 12:43:06	290
06-10-93	12:43:09	FAL65	NORMAL of 06-10-93 12:43:06	290
06-10-93	12:43:21	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93	12:43:23	FAL65	ACK of 06-10-93 12:43:21	290
06-10-93	12:43:24	FAL65	NORMAL of 06-10-93 12:43:21	290
06-10-93	12:43:51	* FAD15E	DEV ALARM AIR INJECTOR E, FLOW= 132 SCFM	
06-10-93	12:43:54	* FAD15E	NORMAL of 06-10-93 12:43:51	132
06-10-93	12:44:05	* FAD15E	ACK of 06-10-93 12:43:51	135
06-10-93	12:44:06	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 289 GPM	
06-10-93	12:44:12	* FAL65	NORMAL of 06-10-93 12:44:06	289
06-10-93	12:44:15	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 289 GPM	
06-10-93	12:44:33	* FAL65	NORMAL of 06-10-93 12:44:15	290
06-10-93	12:44:36	PAH11	NORMAL of 06-10-93 12:39:15	
06-10-93	12:44:36	* FAD15E	DEV ALARM AIR INJECTOR E, FLOW= 139 SCFM	
06-10-93	12:44:42	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93	12:44:42	* FAD15E	NORMAL of 06-10-93 12:44:36	131
06-10-93	12:44:43	FAL65	ACK of 06-10-93 12:44:42	290
06-10-93	12:44:43	* FAD15E	ACK of 06-10-93 12:44:36	131
06-10-93	12:44:43	* FAL65	ACK of 06-10-93 12:44:15	290
06-10-93	12:44:43	* FAL65	ACK of 06-10-93 12:44:06	290
06-10-93	12:44:45	FAL65	NORMAL of 06-10-93 12:44:42	290
06-10-93	12:44:48	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 289 GPM	
06-10-93	12:44:54	* FAL65	NORMAL of 06-10-93 12:44:48	290
06-10-93	12:44:57	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93	12:44:59	FAL65	ACK of 06-10-93 12:44:57	290
06-10-93	12:44:59	* FAL65	ACK of 06-10-93 12:44:48	290
06-10-93	12:45:00	FAL65	NORMAL of 06-10-93 12:44:57	290
06-10-93	12:45:03	* PDAH53	VENTURI HI DIFF PRESSURE, 89.5 IN WC	
06-10-93	12:45:06	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93	12:45:06	* PAH11	HIGH NATURAL GAS PRESSURE	
06-10-93	12:45:06	* PDAH53	NORMAL of 06-10-93 12:45:03	88.35
06-10-93	12:45:09	* FAL65	NORMAL of 06-10-93 12:45:06	290
06-10-93	12:45:10	PAH11	ACK of 06-10-93 12:45:06	
06-10-93	12:45:10	* FAL65	ACK of 06-10-93 12:45:06	290
06-10-93	12:45:10	* PDAH53	ACK of 06-10-93 12:45:03	88.35
06-10-93	12:45:15	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93	12:45:15	* FAH22D	HIGH FLOW TO NOZZLE D, FLOW= 53.7 LB/MIN	
06-10-93	12:45:17	FAH22D	ACK of 06-10-93 12:45:15	53.66
06-10-93	12:45:17	FAL65	ACK of 06-10-93 12:45:15	290
06-10-93	12:45:18	FAL65	NORMAL of 06-10-93 12:45:15	290
06-10-93	12:45:18	* FAD15D	DEV ALARM AIR INJECTOR D, FLOW= 0 SCFM	
06-10-93	12:45:38	FAD15D	ACK of 06-10-93 12:45:18	0
06-10-93	12:45:51	* PAL27D	LOW PRESSURE NOZZLE D, PRESS= 26 PSIG	
06-10-93	12:45:52	PAL27D	ACK of 06-10-93 12:45:51	26
06-10-93	12:46:03	FAH22D	NORMAL of 06-10-93 12:45:15	33.42
06-10-93	12:46:03	PAL27D	NORMAL of 06-10-93 12:45:51	39
06-10-93	12:46:06	FAD15D	NORMAL of 06-10-93 12:45:18	60
06-10-93	12:46:30	PAH11	NORMAL of 06-10-93 12:45:06	

06-10-93 12:46:57	* PAH11	HIGH NATURAL GAS PRESSURE	
06-10-93 12:47:09	PAH11	ACK of 06-10-93 12:46:57	
06-10-93 12:48:06	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93 12:48:12	* FAL65	NORMAL of 06-10-93 12:48:06	290
06-10-93 12:48:24	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93 12:48:27	FAL65	ACK of 06-10-93 12:48:24	289
06-10-93 12:48:28	* FAL65	ACK of 06-10-93 12:48:06	289
06-10-93 12:48:33	FAL65	NORMAL of 06-10-93 12:48:24	289
06-10-93 12:48:36	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93 12:48:39	* FAL65	NORMAL of 06-10-93 12:48:36	290
06-10-93 12:48:39	* FAD15D	DEV ALARM AIR INJECTOR D, FLOW= 0 SCFM	
06-10-93 12:48:42	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93 12:48:45	* FAL65	NORMAL of 06-10-93 12:48:42	290
06-10-93 12:48:51	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93 12:48:52	FAL65	ACK of 06-10-93 12:48:51	290
06-10-93 12:48:52	* FAL65	ACK of 06-10-93 12:48:42	290
06-10-93 12:48:52	FAD15D	ACK of 06-10-93 12:48:39	0
06-10-93 12:48:52	* FAL65	ACK of 06-10-93 12:48:36	290
06-10-93 12:48:54	FAL65	NORMAL of 06-10-93 12:48:51	290
06-10-93 12:48:54	* FAD22D	INJECTOR D DEV ALARM, FLOW= 0.0 LB/MIN	
06-10-93 12:49:03	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 289 GPM	
06-10-93 12:49:06	* FAL65	NORMAL of 06-10-93 12:49:03	290
06-10-93 12:49:06	* PDAH53	VENTURI HI DIFF PRESSURE, 92.6 IN WC	
06-10-93 12:49:06	FAD15D	NORMAL of 06-10-93 12:48:39	151
06-10-93 12:49:09	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 289 GPM	
06-10-93 12:49:09	* FAD22C	INJECTOR C DEV ALARM, FLOW= 14.5 LB/MIN	
06-10-93 12:49:13	FAD22C	ACK of 06-10-93 12:49:09	14.49
06-10-93 12:49:13	FAL65	ACK of 06-10-93 12:49:09	289
06-10-93 12:49:13	PDAH53	ACK of 06-10-93 12:49:06	92.09
06-10-93 12:49:13	* FAL65	ACK of 06-10-93 12:49:03	289
06-10-93 12:49:13	FAD22D	ACK of 06-10-93 12:48:54	0
06-10-93 12:49:15	PDAH53	NORMAL of 06-10-93 12:49:06	92.09
06-10-93 12:49:18	FAD22C	NORMAL of 06-10-93 12:49:09	15.38
06-10-93 12:49:21	FAL65	NORMAL of 06-10-93 12:49:09	290
06-10-93 12:49:39	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93 12:49:39	* FAD15D	DEV ALARM AIR INJECTOR D, FLOW= 154 SCFM	
06-10-93 12:49:44	FAD15D	ACK of 06-10-93 12:49:39	154
06-10-93 12:49:45	FAL65	ACK of 06-10-93 12:49:39	289
06-10-93 12:49:51	* PDAH53	VENTURI HI DIFF PRESSURE, 89.7 IN WC	
06-10-93 12:49:54	FAL65	NORMAL of 06-10-93 12:49:39	290
06-10-93 12:49:54	* PDAH53	NORMAL of 06-10-93 12:49:51	89.71
06-10-93 12:50:03	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93 12:50:03	* PAL27D	LOW PRESSURE NOZZLE D, PRESS= 24 PSIG	
06-10-93 12:50:11	PAL27D	ACK of 06-10-93 12:50:03	21
06-10-93 12:50:11	FAL65	ACK of 06-10-93 12:50:03	290
06-10-93 12:50:12	* PDAH53	ACK of 06-10-93 12:49:51	90.04
06-10-93 12:50:12	FAL65	NORMAL of 06-10-93 12:50:03	290
06-10-93 12:50:39	FAD15C	NORMAL of 06-10-93 12:41:51	134
06-10-93 12:50:57	PAL27D	NORMAL of 06-10-93 12:50:03	34
06-10-93 12:51:15	* FAD15C	DEV ALARM AIR INJECTOR C, FLOW= 137 SCFM	
06-10-93 12:51:18	FAD15D	NORMAL of 06-10-93 12:49:39	134
06-10-93 12:51:18	FAD22D	NORMAL of 06-10-93 12:48:54	10.61
06-10-93 12:51:21	* FAD15C	NORMAL of 06-10-93 12:51:15	137
06-10-93 12:52:05	* FAD15C	ACK of 06-10-93 12:51:15	135
06-10-93 12:52:39	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93 12:52:45	* FAL65	NORMAL of 06-10-93 12:52:39	290
06-10-93 12:52:45	* PDAH53	VENTURI HI DIFF PRESSURE, 91.7 IN WC	
06-10-93 12:52:48	* PDAH53	NORMAL of 06-10-93 12:52:45	90.29
06-10-93 12:53:15	* PDAH53	ACK of 06-10-93 12:52:45	89.63
06-10-93 12:53:15	* FAL65	ACK of 06-10-93 12:52:39	291

06-10-93 12:54:09	PAH11	NORMAL of 06-10-93 12:46:57	
06-10-93 12:54:12	FAD30	NORMAL of 06-10-93 12:36:00	1961
06-10-93 12:54:15	* AAL30	LOW 02 LEVEL IN STACK, 2.9 PERCENT	
06-10-93 12:54:36	* PDAH53	VENTURI HI DIFF PRESSURE, 93.6 IN WC	
06-10-93 12:54:57	* PDAH53	NORMAL of 06-10-93 12:54:36	94.65
06-10-93 12:55:06	* AAL30	NORMAL of 06-10-93 12:54:15	3.2
06-10-93 12:56:13	* PDAH53	ACK of 06-10-93 12:54:36	90.62
06-10-93 12:56:13	* AAL30	ACK of 06-10-93 12:54:15	6
06-10-93 12:58:00	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-10-93 12:58:06	* FAL87	NORMAL of 06-10-93 12:58:00	427
06-10-93 12:58:38	* FAL87	ACK of 06-10-93 12:58:00	416
06-10-93 13:00:06	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 291 GPM	
06-10-93 13:00:08	FAL65	ACK of 06-10-93 13:00:06	291
06-10-93 13:00:12	FAL65	NORMAL of 06-10-93 13:00:06	291
06-10-93 13:00:15	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93 13:00:18	* FAL65	NORMAL of 06-10-93 13:00:15	290
06-10-93 13:00:33	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93 13:00:35	FAL65	ACK of 06-10-93 13:00:33	289
06-10-93 13:00:35	* FAL65	ACK of 06-10-93 13:00:15	289
06-10-93 13:00:45	FAL65	NORMAL of 06-10-93 13:00:33	290
06-10-93 13:00:51	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93 13:00:54	* FAL65	NORMAL of 06-10-93 13:00:51	290
06-10-93 13:00:57	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 289 GPM	
06-10-93 13:01:06	* FAL65	NORMAL of 06-10-93 13:00:57	290
06-10-93 13:01:12	* FAL65	ACK of 06-10-93 13:00:57	290
06-10-93 13:01:13	* FAL65	ACK of 06-10-93 13:00:51	290
06-10-93 13:01:36	* PAH11	HIGH NATURAL GAS PRESSURE	
06-10-93 13:01:47	PAH11	ACK of 06-10-93 13:01:36	
06-10-93 13:01:54	PAH11	NORMAL of 06-10-93 13:01:36	
06-10-93 13:02:24	* PAH11	HIGH NATURAL GAS PRESSURE	
06-10-93 13:02:32	PAH11	ACK of 06-10-93 13:02:24	
06-10-93 13:02:39	* PDAH53	VENTURI HI DIFF PRESSURE, 93.1 IN WC	
06-10-93 13:02:45	* PDAH53	NORMAL of 06-10-93 13:02:39	90.37
06-10-93 13:03:02	* PDAH53	ACK of 06-10-93 13:02:39	90.15
06-10-93 13:03:51	PAH11	NORMAL of 06-10-93 13:02:24	
06-10-93 13:04:15	* PAH11	HIGH NATURAL GAS PRESSURE	
06-10-93 13:04:18	PAH11	ACK of 06-10-93 13:04:15	
06-10-93 13:04:51	* PDAH53	VENTURI HI DIFF PRESSURE, 89.5 IN WC	
06-10-93 13:04:54	* PDAH53	NORMAL of 06-10-93 13:04:51	89.49
06-10-93 13:05:09	* PDAH53	VENTURI HI DIFF PRESSURE, 93.5 IN WC	
06-10-93 13:05:11	PDAH53	ACK of 06-10-93 13:05:09	87.25
06-10-93 13:05:12	* PDAH53	ACK of 06-10-93 13:04:51	87.25
06-10-93 13:05:12	PDAH53	NORMAL of 06-10-93 13:05:09	87.25
06-10-93 13:05:48	PAH11	NORMAL of 06-10-93 13:04:15	
06-10-93 13:06:09	* PAH11	HIGH NATURAL GAS PRESSURE	
06-10-93 13:06:18	PAH11	ACK of 06-10-93 13:06:09	
06-10-93 13:09:39	PAH11	NORMAL of 06-10-93 13:06:09	
06-10-93 13:10:00	* PAH11	HIGH NATURAL GAS PRESSURE	
06-10-93 13:10:34	PAH11	ACK of 06-10-93 13:10:00	
06-10-93 13:11:33	PAH11	NORMAL of 06-10-93 13:10:00	
06-10-93 13:11:57	* PAH11	HIGH NATURAL GAS PRESSURE	
06-10-93 13:12:10	PAH11	ACK of 06-10-93 13:11:57	
06-10-93 13:13:27	PAH11	NORMAL of 06-10-93 13:11:57	
06-10-93 13:13:51	* PAH11	HIGH NATURAL GAS PRESSURE	
06-10-93 13:14:04	PAH11	ACK of 06-10-93 13:13:51	
06-10-93 13:15:21	PAH11	NORMAL of 06-10-93 13:13:51	
06-10-93 13:15:48	* PAH11	HIGH NATURAL GAS PRESSURE	
06-10-93 13:15:53	PAH11	ACK of 06-10-93 13:15:48	
06-10-93 13:17:18	PAH11	NORMAL of 06-10-93 13:15:48	
06-10-93 13:17:33	* AAL30	LOW 02 LEVEL IN STACK, 3.1 PERCENT	

06-10-93	13:17:42	* AAL30	NORMAL of 06-10-93 13:17:33	3.1
06-10-93	13:17:45	* PAH11	HIGH NATURAL GAS PRESSURE	
06-10-93	13:17:45	PAH11	ACK of 06-10-93 13:17:45	
06-10-93	13:17:45	* AAL30	ACK of 06-10-93 13:17:33	3.2
06-10-93	13:18:39	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93	13:18:45	* FAL65	NORMAL of 06-10-93 13:18:39	290
06-10-93	13:18:51	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	13:18:54	TAH46	ACK of 06-10-93 13:18:51	0
06-10-93	13:18:54	* FAL65	ACK of 06-10-93 13:18:39	291
06-10-93	13:18:57	TAH46	NORMAL of 06-10-93 13:18:51	0
06-10-93	13:19:03	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	13:19:06	* TAH46	NORMAL of 06-10-93 13:19:03	0
06-10-93	13:19:12	PAH11	NORMAL of 06-10-93 13:17:45	
06-10-93	13:19:12	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	13:19:18	* TAH46	NORMAL of 06-10-93 13:19:12	0
06-10-93	13:19:21	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	13:19:24	* TAH46	NORMAL of 06-10-93 13:19:21	0
06-10-93	13:19:30	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	13:19:37	TAH46	ACK of 06-10-93 13:19:30	0
06-10-93	13:19:37	* TAH46	ACK of 06-10-93 13:19:21	0
06-10-93	13:19:37	* TAH46	ACK of 06-10-93 13:19:12	0
06-10-93	13:19:37	* TAH46	ACK of 06-10-93 13:19:03	0
06-10-93	13:19:42	* PAH11	HIGH NATURAL GAS PRESSURE	
06-10-93	13:20:17	PAH11	ACK of 06-10-93 13:19:42	
06-10-93	13:20:36	TAH46	NORMAL of 06-10-93 13:19:30	0
06-10-93	13:20:42	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	13:21:09	PAH11	NORMAL of 06-10-93 13:19:42	
06-10-93	13:21:19	TAH46	ACK of 06-10-93 13:20:42	0
06-10-93	13:21:36	* PAH11	HIGH NATURAL GAS PRESSURE	
06-10-93	13:23:03	* PAH11	NORMAL of 06-10-93 13:21:36	
06-10-93	13:23:33	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 43 GPM	
06-10-93	13:23:33	* PAH11	HIGH NATURAL GAS PRESSURE	
06-10-93	13:23:45	* FALL87	LOW LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-10-93	13:24:11	FALL87	ACK of 06-10-93 13:23:45	0
06-10-93	13:24:11	PAH11	ACK of 06-10-93 13:23:33	
06-10-93	13:24:11	FAL87	ACK of 06-10-93 13:23:33	0
06-10-93	13:24:11	* PAH11	ACK of 06-10-93 13:21:36	
06-10-93	13:24:33	* AAH70	HIGH CO, 118.20 PPM	
06-10-93	13:24:36	AAH70	ACK of 06-10-93 13:24:33	118.2
06-10-93	13:24:45	AAH70	NORMAL of 06-10-93 13:24:33	82.4
06-10-93	13:25:00	PAH11	NORMAL of 06-10-93 13:23:33	
06-10-93	13:25:30	* PAH11	HIGH NATURAL GAS PRESSURE	
06-10-93	13:25:45	PAH11	ACK of 06-10-93 13:25:30	
06-10-93	13:25:48	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 288 GPM	
06-10-93	13:26:06	* FAL65	NORMAL of 06-10-93 13:25:48	290
06-10-93	13:26:12	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93	13:26:21	* FAL65	NORMAL of 06-10-93 13:26:12	290
06-10-93	13:26:24	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93	13:26:33	* FAL65	NORMAL of 06-10-93 13:26:24	289
06-10-93	13:26:33	* FAL65	ACK of 06-10-93 13:26:24	289
06-10-93	13:26:33	* FAL65	ACK of 06-10-93 13:26:12	289
06-10-93	13:26:33	* FAL65	ACK of 06-10-93 13:25:48	289
06-10-93	13:26:36	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93	13:26:39	* FAL65	NORMAL of 06-10-93 13:26:36	290
06-10-93	13:26:42	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93	13:26:54	* FAL65	NORMAL of 06-10-93 13:26:42	289
06-10-93	13:26:54	PAH11	NORMAL of 06-10-93 13:25:30	
06-10-93	13:26:57	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 289 GPM	
06-10-93	13:27:06	* FAL65	NORMAL of 06-10-93 13:26:57	291
06-10-93	13:27:15	* AAH70	HIGH CO, 102.70 PPM	

06-10-93	13:27:21	* AAH70	NORMAL of 06-10-93 13:27:15	102.7
06-10-93	13:27:24	* AAH70	ACK of 06-10-93 13:27:15	80.2
06-10-93	13:27:24	* FAL65	ACK of 06-10-93 13:26:57	291
06-10-93	13:27:24	* FAL65	ACK of 06-10-93 13:26:42	291
06-10-93	13:27:24	* FAL65	ACK of 06-10-93 13:26:36	291
06-10-93	13:27:27	* PAH11	HIGH NATURAL GAS PRESSURE	
06-10-93	13:28:07	PAH11	ACK of 06-10-93 13:27:27	
06-10-93	13:28:24	* AAL30	LOW 02 LEVEL IN STACK, 3.0 PERCENT	
06-10-93	13:28:33	FALL87	NORMAL of 06-10-93 13:23:45	0
06-10-93	13:28:33	* AAL30	NORMAL of 06-10-93 13:28:24	3
06-10-93	13:28:36	FAL87	NORMAL of 06-10-93 13:23:33	393
06-10-93	13:28:41	* AAL30	ACK of 06-10-93 13:28:24	3.1
06-10-93	13:28:51	PAH11	NORMAL of 06-10-93 13:27:27	
06-10-93	13:28:51	* AAL30	LOW 02 LEVEL IN STACK, 3.0 PERCENT	
06-10-93	13:28:54	* AAL30	NORMAL of 06-10-93 13:28:51	3.1
06-10-93	13:29:12	* AAH70	HIGH CO, 66.60 PPM	
06-10-93	13:29:21	* PAH11	HIGH NATURAL GAS PRESSURE	
06-10-93	13:29:27	* AAH70	NORMAL of 06-10-93 13:29:12	76.5
06-10-93	13:29:31	PAH11	ACK of 06-10-93 13:29:21	
06-10-93	13:29:31	* AAH70	ACK of 06-10-93 13:29:12	76.5
06-10-93	13:29:31	* AAL30	ACK of 06-10-93 13:28:51	3.4
06-10-93	13:30:21	* AAH70	HIGH CO, 103.20 PPM	
06-10-93	13:30:25	AAH70	ACK of 06-10-93 13:30:21	87.9
06-10-93	13:30:27	AAH70	NORMAL of 06-10-93 13:30:21	87.9
06-10-93	13:30:48	PAH11	NORMAL of 06-10-93 13:29:21	
06-10-93	13:31:09	* AAH70	HIGH CO, 115.80 PPM	
06-10-93	13:31:30	* PAH11	HIGH NATURAL GAS PRESSURE	
06-10-93	13:31:34	PAH11	ACK of 06-10-93 13:31:30	
06-10-93	13:31:34	AAH70	ACK of 06-10-93 13:31:09	97.1
06-10-93	13:31:36	PAH11	NORMAL of 06-10-93 13:31:30	
06-10-93	13:31:36	AAH70	NORMAL of 06-10-93 13:31:09	97.1
06-10-93	13:32:09	* AAH68	HIGH THC, 9.00 PPM	
06-10-93	13:32:09	AAH68	ACK of 06-10-93 13:32:09	9
06-10-93	13:32:36	* AAH70	HIGH CO, 101.70 PPM	
06-10-93	13:32:42	* AAH70	NORMAL of 06-10-93 13:32:36	91.5
06-10-93	13:32:42	AAH68	NORMAL of 06-10-93 13:32:09	7.4
06-10-93	13:32:54	* AAH70	ACK of 06-10-93 13:32:36	50.4
06-10-93	13:32:54	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93	13:32:57	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.3 PH	
06-10-93	13:32:57	* FAL65	NORMAL of 06-10-93 13:32:54	290
06-10-93	13:33:08	AAL56	ACK of 06-10-93 13:32:57	5.2
06-10-93	13:33:08	* FAL65	ACK of 06-10-93 13:32:54	289
06-10-93	13:33:09	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 289 GPM	
06-10-93	13:33:12	* FAL65	NORMAL of 06-10-93 13:33:09	290
06-10-93	13:33:33	* AAH70	HIGH CO, 103.30 PPM	
06-10-93	13:33:39	* AAH70	NORMAL of 06-10-93 13:33:33	99.8
06-10-93	13:34:13	* AAH70	ACK of 06-10-93 13:33:33	47.1
06-10-93	13:34:13	* FAL65	ACK of 06-10-93 13:33:09	292
06-10-93	13:34:42	AAL56	NORMAL of 06-10-93 13:32:57	5.29
06-10-93	13:37:54	* FAD76C	DEV ALARM STEAM INJECTOR C, FLOW= 533 LB/HR	
06-10-93	13:37:54	* FAH22C	HIGH FLOW TO NOZZLE C, FLOW= 48.0 LB/MIN	
06-10-93	13:37:57	FAH22C	ACK of 06-10-93 13:37:54	47.96
06-10-93	13:37:57	FAD76C	ACK of 06-10-93 13:37:54	533
06-10-93	13:38:18	FAH22C	NORMAL of 06-10-93 13:37:54	41.79
06-10-93	13:38:24	FAD76C	NORMAL of 06-10-93 13:37:54	450
06-10-93	13:38:24	* AAH70	HIGH CO, 119.80 PPM	
06-10-93	13:38:51	AAH70	ACK of 06-10-93 13:38:24	168.9
06-10-93	13:39:15	LAH406	NORMAL of 06-10-93 02:37:39	
06-10-93	13:39:45	AAH70	NORMAL of 06-10-93 13:38:24	86.9
06-10-93	13:41:18	* AAL30	LOW 02 LEVEL IN STACK, 2.9 PERCENT	

06-10-93	13:41:22	AAL30	ACK of 06-10-93 13:41:18	2.9
06-10-93	13:41:48	* PDAH53	VENTURI HI DIFF PRESSURE, 91.2 IN WC	
06-10-93	13:41:50	PDAH53	ACK of 06-10-93 13:41:48	91.25
06-10-93	13:41:51	PDAH53	NORMAL of 06-10-93 13:41:48	91.25
06-10-93	13:42:15	AAL30	NORMAL of 06-10-93 13:41:18	3.1
06-10-93	13:42:48	* FAD76A	DEV ALARM STEAM INJECTOR A, FLOW= 32 LB/HR	
06-10-93	13:42:50	FAD76A	ACK of 06-10-93 13:42:48	32
06-10-93	13:42:51	* FAH22A	HIGH FLOW TO NOZZLE A, FLOW= 44.6 LB/MIN	
06-10-93	13:43:11	FAH22A	ACK of 06-10-93 13:42:51	46.45
06-10-93	13:43:21	FAD76A	NORMAL of 06-10-93 13:42:48	96
06-10-93	13:43:21	FAH22A	NORMAL of 06-10-93 13:42:51	25
06-10-93	13:43:24	* AAH70	HIGH CO, 130.50 PPM	
06-10-93	13:43:27	* AAL30	LOW O2 LEVEL IN STACK, 3.1 PERCENT	
06-10-93	13:43:27	* AAH68	HIGH THC, 3.90 PPM	
06-10-93	13:43:32	AAH68	ACK of 06-10-93 13:43:27	7.8
06-10-93	13:43:32	AAL30	ACK of 06-10-93 13:43:27	2.5
06-10-93	13:43:33	AAH70	ACK of 06-10-93 13:43:24	152.4
06-10-93	13:43:33	AAH68	NORMAL of 06-10-93 13:43:27	7.8
06-10-93	13:43:54	AAL30	NORMAL of 06-10-93 13:43:27	3.2
06-10-93	13:44:00	* AAH71	HIGH SO2, 485.8 PPM	
06-10-93	13:44:03	AAH70	NORMAL of 06-10-93 13:43:24	95
06-10-93	13:44:09	* FAD22A	INJECTOR A DEV ALARM, FLOW= 32.1 LB/MIN	
06-10-93	13:44:21	FAD22A	ACK of 06-10-93 13:44:09	33
06-10-93	13:44:21	AAH71	ACK of 06-10-93 13:44:00	503.4
06-10-93	13:44:30	FAD22A	NORMAL of 06-10-93 13:44:09	32.34
06-10-93	13:44:33	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.2 PH	
06-10-93	13:44:36	* AAL56	NORMAL of 06-10-93 13:44:33	5.25
06-10-93	13:44:38	* AAL56	ACK of 06-10-93 13:44:33	5.25
06-10-93	13:44:42	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.2 PH	
06-10-93	13:45:01	AAL56	ACK of 06-10-93 13:44:42	5.1
06-10-93	13:45:54	* AAL30	LOW O2 LEVEL IN STACK, 2.8 PERCENT	
06-10-93	13:45:57	AAL30	ACK of 06-10-93 13:45:54	2.8
06-10-93	13:46:27	AAL30	NORMAL of 06-10-93 13:45:54	3.1
06-10-93	13:46:33	AAL56	NORMAL of 06-10-93 13:44:42	5.44
06-10-93	13:46:51	* AAL30	LOW O2 LEVEL IN STACK, 2.9 PERCENT	
06-10-93	13:47:00	AAH71	NORMAL of 06-10-93 13:44:00	318.8
06-10-93	13:47:00	AAL30	ACK of 06-10-93 13:46:51	3
06-10-93	13:47:09	AAL30	NORMAL of 06-10-93 13:46:51	3.1
06-10-93	13:47:21	* AAL30	LOW O2 LEVEL IN STACK, 3.1 PERCENT	
06-10-93	13:47:24	* AAL30	NORMAL of 06-10-93 13:47:21	3.1
06-10-93	13:47:56	* AAL30	ACK of 06-10-93 13:47:21	3.2
06-10-93	13:49:03	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 185 GPM	
06-10-93	13:49:08	FAL87	ACK of 06-10-93 13:49:03	313
06-10-93	13:49:12	FAL87	NORMAL of 06-10-93 13:49:03	313
06-10-93	13:52:00	* PAH11	HIGH NATURAL GAS PRESSURE	
06-10-93	13:52:03	PAH11	ACK of 06-10-93 13:52:00	
06-10-93	13:53:24	PAH11	NORMAL of 06-10-93 13:52:00	
06-10-93	13:53:48	* PAH11	HIGH NATURAL GAS PRESSURE	
06-10-93	13:54:42	* AAH70	HIGH CO, 101.80 PPM	
06-10-93	13:54:47	AAH70	ACK of 06-10-93 13:54:42	98.1
06-10-93	13:54:47	PAH11	ACK of 06-10-93 13:53:48	
06-10-93	13:54:51	AAH70	NORMAL of 06-10-93 13:54:42	98.1
06-10-93	13:55:21	PAH11	NORMAL of 06-10-93 13:53:48	
06-10-93	13:55:39	* AAH70	HIGH CO, 135.10 PPM	
06-10-93	13:55:43	AAH70	ACK of 06-10-93 13:55:39	135.1
06-10-93	13:55:45	* PAH11	HIGH NATURAL GAS PRESSURE	
06-10-93	13:56:07	PAH11	ACK of 06-10-93 13:55:45	
06-10-93	13:56:54	PAH11	NORMAL of 06-10-93 13:55:45	
06-10-93	13:57:36	* AAH71	HIGH SO2, 503.4 PPM	
06-10-93	13:57:41	AAH71	ACK of 06-10-93 13:57:36	503.4

06-10-93	13:58:00	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.3 PH	
06-10-93	13:58:04	AAL56	ACK of 06-10-93 13:58:00	5.21
06-10-93	13:59:33	AAH70	NORMAL of 06-10-93 13:55:39	93.2
06-10-93	13:59:48	* AAH70	HIGH CO, 113.30 PPM	
06-10-93	14:00:03	* AAH70	NORMAL of 06-10-93 13:59:48	94
06-10-93	14:00:09	AAL56	NORMAL of 06-10-93 13:58:00	5.27
06-10-93	14:00:21	* AAH68	HIGH THC, 6.90 PPM	
06-10-93	14:00:23	AAH68	ACK of 06-10-93 14:00:21	6.9
06-10-93	14:00:23	* AAH70	ACK of 06-10-93 13:59:48	96.5
06-10-93	14:00:51	AAH71	NORMAL of 06-10-93 13:57:36	342.7
06-10-93	14:00:51	AAH68	NORMAL of 06-10-93 14:00:21	6.5
06-10-93	14:01:09	* AAH70	HIGH CO, 99.00 PPM	
06-10-93	14:01:21	* AAH70	NORMAL of 06-10-93 14:01:09	88.2
06-10-93	14:01:33	* AAH70	HIGH CO, 105.60 PPM	
06-10-93	14:01:45	* AAH70	NORMAL of 06-10-93 14:01:33	76.7
06-10-93	14:02:38	* AAH70	ACK of 06-10-93 14:01:33	54.8
06-10-93	14:02:38	* AAH70	ACK of 06-10-93 14:01:09	54.8
06-10-93	14:08:20	* DEV_OFF	DEVELOPMENT PLC OFFLINE	
06-10-93	14:08:35	* DEV_OFF	NORMAL of 06-10-93 14:08:20	
06-10-93	14:09:33	* DEV_OFF	ACK of 06-10-93 14:08:20	
06-10-93	14:10:24	* AAH70	HIGH CO, 114.20 PPM	
06-10-93	14:10:28	AAH70	ACK of 06-10-93 14:10:24	113.6
06-10-93	14:10:39	AAH70	NORMAL of 06-10-93 14:10:24	101.9
06-10-93	14:10:42	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-10-93	14:10:45	* FAH04A	NORMAL of 06-10-93 14:10:42	179
06-10-93	14:10:48	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-10-93	14:10:48	* AAH70	HIGH CO, 115.40 PPM	
06-10-93	14:10:51	AAH70	ACK of 06-10-93 14:10:48	140.9
06-10-93	14:10:51	FAH04A	ACK of 06-10-93 14:10:48	176
06-10-93	14:10:51	* FAH04A	ACK of 06-10-93 14:10:42	176
06-10-93	14:11:15	FAH04A	NORMAL of 06-10-93 14:10:48	178
06-10-93	14:11:33	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-10-93	14:11:36	FAH04A	ACK of 06-10-93 14:11:33	178
06-10-93	14:11:39	FAH04A	NORMAL of 06-10-93 14:11:33	180
06-10-93	14:11:57	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 182 LB/MIN	
06-10-93	14:12:03	* FAH04A	NORMAL of 06-10-93 14:11:57	179
06-10-93	14:12:04	* FAH04A	ACK of 06-10-93 14:11:57	179
06-10-93	14:12:09	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 176 LB/MIN	
06-10-93	14:12:14	FAH04A	ACK of 06-10-93 14:12:09	175
06-10-93	14:12:30	FAH04A	NORMAL of 06-10-93 14:12:09	178
06-10-93	14:12:42	* AAL30	LOW O2 LEVEL IN STACK, 3.0 PERCENT	
06-10-93	14:12:48	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 181 LB/MIN	
06-10-93	14:12:48	* AAL30	NORMAL of 06-10-93 14:12:42	3.1
06-10-93	14:12:57	* FAH04A	NORMAL of 06-10-93 14:12:48	178
06-10-93	14:13:09	* LAH409	HI LVL TRUCK LOADING SUMP TK409	
06-10-93	14:13:12	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 178 LB/MIN	
06-10-93	14:13:15	FAH04A	ACK of 06-10-93 14:13:12	181
06-10-93	14:13:15	LAH409	ACK of 06-10-93 14:13:09	
06-10-93	14:13:15	* FAH04A	ACK of 06-10-93 14:12:48	181
06-10-93	14:13:15	* AAL30	ACK of 06-10-93 14:12:42	3.4
06-10-93	14:13:21	FAH04A	NORMAL of 06-10-93 14:13:12	178
06-10-93	14:13:33	* AAH68	HIGH THC, 7.90 PPM	
06-10-93	14:13:39	* AAH68	NORMAL of 06-10-93 14:13:33	7.9
06-10-93	14:13:42	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 181 LB/MIN	
06-10-93	14:13:45	* FAH04A	NORMAL of 06-10-93 14:13:42	181
06-10-93	14:13:45	LAH409	NORMAL of 06-10-93 14:13:09	
06-10-93	14:13:51	* LAH409	HI LVL TRUCK LOADING SUMP TK409	
06-10-93	14:13:51	* AAH68	HIGH THC, 8.00 PPM	
06-10-93	14:13:54	* AAH68	NORMAL of 06-10-93 14:13:51	7.9
06-10-93	14:14:02	* AAH68	ACK of 06-10-93 14:13:51	7.8

06-10-93 14:14:03	LAH409	ACK	of 06-10-93 14:13:51	
06-10-93 14:14:03	* FAH04A	ACK	of 06-10-93 14:13:42	176
06-10-93 14:14:03	* AAH68	ACK	of 06-10-93 14:13:33	7.8
06-10-93 14:14:03	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM		
06-10-93 14:14:06	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 183 LB/MIN		
06-10-93 14:14:06	* FAL65	NORMAL	of 06-10-93 14:14:03	290
06-10-93 14:14:18	* FAH04A	NORMAL	of 06-10-93 14:14:06	175
06-10-93 14:14:18	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM		
06-10-93 14:14:24	* FAL65	NORMAL	of 06-10-93 14:14:18	290
06-10-93 14:14:26	* FAL65	ACK	of 06-10-93 14:14:18	290
06-10-93 14:14:26	* FAH04A	ACK	of 06-10-93 14:14:06	173
06-10-93 14:14:26	* FAL65	ACK	of 06-10-93 14:14:03	290
06-10-93 14:14:30	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 164 GPM		
06-10-93 14:14:32	FAL87	ACK	of 06-10-93 14:14:30	164
06-10-93 14:14:33	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 181 LB/MIN		
06-10-93 14:14:33	LAH409	NORMAL	of 06-10-93 14:13:51	
06-10-93 14:14:36	FAH04A	ACK	of 06-10-93 14:14:33	179
06-10-93 14:14:39	FAH04A	NORMAL	of 06-10-93 14:14:33	179
06-10-93 14:14:39	* LAH409	HI LVL TRUCK LOADING SUMP TK409		
06-10-93 14:14:42	* FALL87	LOW LOW FLOW QUENCH RECIRC, FLOW= 0 GPM		
06-10-93 14:14:42	* AAH68	HIGH THC, 7.90 PPM		
06-10-93 14:14:45	* AAH68	NORMAL	of 06-10-93 14:14:42	7.9
06-10-93 14:14:50	* AAH68	ACK	of 06-10-93 14:14:42	7.8
06-10-93 14:14:50	FALL87	ACK	of 06-10-93 14:14:42	0
06-10-93 14:14:50	LAH409	ACK	of 06-10-93 14:14:39	
06-10-93 14:15:00	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN		
06-10-93 14:15:00	LAH409	NORMAL	of 06-10-93 14:14:39	
06-10-93 14:15:00	AAH70	NORMAL	of 06-10-93 14:10:48	93.3
06-10-93 14:15:03	* FAH04A	NORMAL	of 06-10-93 14:15:00	179
06-10-93 14:15:03	* LG_ALARM	L/G RATIO PRE-ALARM		
06-10-93 14:15:10	LG_ALARM	ACK	of 06-10-93 14:15:03	
06-10-93 14:15:10	* FAH04A	ACK	of 06-10-93 14:15:00	174
06-10-93 14:15:18	LG_ALARM	NORMAL	of 06-10-93 14:15:03	
06-10-93 14:15:27	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 178 LB/MIN		
06-10-93 14:15:27	* LG_ALARM	L/G RATIO PRE-ALARM		
06-10-93 14:15:30	* FAH04A	NORMAL	of 06-10-93 14:15:27	178
06-10-93 14:15:32	LG_ALARM	ACK	of 06-10-93 14:15:27	
06-10-93 14:15:32	* FAH04A	ACK	of 06-10-93 14:15:27	178
06-10-93 14:16:03	LG_ALARM	NORMAL	of 06-10-93 14:15:27	
06-10-93 14:16:06	* LG_ALARM	L/G RATIO PRE-ALARM		
06-10-93 14:16:09	* LG_ALARM	NORMAL	of 06-10-93 14:16:06	
06-10-93 14:16:12	* LG_ALARM	L/G RATIO PRE-ALARM		
06-10-93 14:16:33	* LG_ALARM	NORMAL	of 06-10-93 14:16:12	
06-10-93 14:16:45	* LG_ALARM	L/G RATIO PRE-ALARM		
06-10-93 14:16:48	* LAH409	HI LVL TRUCK LOADING SUMP TK409		
06-10-93 14:16:49	LAH409	ACK	of 06-10-93 14:16:48	
06-10-93 14:16:49	LG_ALARM	ACK	of 06-10-93 14:16:45	
06-10-93 14:16:50	* LG_ALARM	ACK	of 06-10-93 14:16:12	
06-10-93 14:16:50	* LG_ALARM	ACK	of 06-10-93 14:16:06	
06-10-93 14:16:57	LG_ALARM	NORMAL	of 06-10-93 14:16:45	
06-10-93 14:17:00	* LG_ALARM	L/G RATIO PRE-ALARM		
06-10-93 14:17:03	* LG_ALARM	NORMAL	of 06-10-93 14:17:00	
06-10-93 14:17:06	LAH409	NORMAL	of 06-10-93 14:16:48	
06-10-93 14:17:12	* LAH409	HI LVL TRUCK LOADING SUMP TK409		
06-10-93 14:17:12	* LG_ALARM	L/G RATIO PRE-ALARM		
06-10-93 14:17:12	LG_ALARM	ACK	of 06-10-93 14:17:12	
06-10-93 14:17:12	LAH409	ACK	of 06-10-93 14:17:12	
06-10-93 14:17:13	* LG_ALARM	ACK	of 06-10-93 14:17:00	
06-10-93 14:17:15	LAH409	NORMAL	of 06-10-93 14:17:12	
06-10-93 14:17:27	* LAH409	HI LVL TRUCK LOADING SUMP TK409		

06-10-93 14:17:27	LG_ALARM	NORMAL	of 06-10-93 14:17:12	
06-10-93 14:17:30	* LAH409	NORMAL	of 06-10-93 14:17:27	
06-10-93 14:17:30	* LAH409	ACK	of 06-10-93 14:17:27	
06-10-93 14:17:33	* LAH409	HI LVL	TRUCK LOADING SUMP TK409	
06-10-93 14:17:44	LAH409	ACK	of 06-10-93 14:17:33	
06-10-93 14:17:57	LAH409	NORMAL	of 06-10-93 14:17:33	
06-10-93 14:18:15	* LAH409	HI LVL	TRUCK LOADING SUMP TK409	
06-10-93 14:18:27	* LAH409	NORMAL	of 06-10-93 14:18:15	
06-10-93 14:18:46	* LAH409	ACK	of 06-10-93 14:18:15	
06-10-93 14:19:12	* LAH409	HI LVL	TRUCK LOADING SUMP TK409	
06-10-93 14:19:15	* LAH409	NORMAL	of 06-10-93 14:19:12	
06-10-93 14:19:57	* LAH409	HI LVL	TRUCK LOADING SUMP TK409	
06-10-93 14:20:01	LAH409	ACK	of 06-10-93 14:19:57	
06-10-93 14:20:01	* LAH409	ACK	of 06-10-93 14:19:12	
06-10-93 14:20:15	LAH409	NORMAL	of 06-10-93 14:19:57	
06-10-93 14:20:27	* LAH409	HI LVL	TRUCK LOADING SUMP TK409	
06-10-93 14:20:30	* LAH409	NORMAL	of 06-10-93 14:20:27	
06-10-93 14:20:31	* LAH409	ACK	of 06-10-93 14:20:27	
06-10-93 14:20:36	* LAH409	HI LVL	TRUCK LOADING SUMP TK409	
06-10-93 14:20:51	LAH409	ACK	of 06-10-93 14:20:36	
06-10-93 14:22:36	LAH409	NORMAL	of 06-10-93 14:20:36	
06-10-93 14:22:36	* AAH70	HIGH CO,	104.00 PPM	
06-10-93 14:22:39	* LAH409	HI LVL	TRUCK LOADING SUMP TK409	
06-10-93 14:22:39	LAH409	ACK	of 06-10-93 14:22:39	
06-10-93 14:22:40	AAH70	ACK	of 06-10-93 14:22:36	104
06-10-93 14:22:42	AAH70	NORMAL	of 06-10-93 14:22:36	92.4
06-10-93 14:22:57	LAH409	NORMAL	of 06-10-93 14:22:39	
06-10-93 14:23:03	* LAH409	HI LVL	TRUCK LOADING SUMP TK409	
06-10-93 14:23:28	LAH409	ACK	of 06-10-93 14:23:03	
06-10-93 14:23:30	LAH409	NORMAL	of 06-10-93 14:23:03	
06-10-93 14:23:33	* LAH409	HI LVL	TRUCK LOADING SUMP TK409	
06-10-93 14:23:51	LAH409	ACK	of 06-10-93 14:23:33	
06-10-93 14:23:57	* AAH70	HIGH CO,	121.40 PPM	
06-10-93 14:24:09	AAH70	ACK	of 06-10-93 14:23:57	121.5
06-10-93 14:24:15	AAH70	NORMAL	of 06-10-93 14:23:57	100.9
06-10-93 14:24:27	* AAH70	HIGH CO,	114.10 PPM	
06-10-93 14:24:36	* AAH70	NORMAL	of 06-10-93 14:24:27	82.8
06-10-93 14:24:44	* AAH70	ACK	of 06-10-93 14:24:27	90.9
06-10-93 14:24:51	FALL87	NORMAL	of 06-10-93 14:14:42	119
06-10-93 14:24:51	* AAH70	HIGH CO,	126.90 PPM	
06-10-93 14:24:54	AAH70	ACK	of 06-10-93 14:24:51	126.9
06-10-93 14:24:57	FAL87	NORMAL	of 06-10-93 14:14:30	485
06-10-93 14:25:18	AAH70	NORMAL	of 06-10-93 14:24:51	103.2
06-10-93 14:25:21	* AAH70	HIGH CO,	115.20 PPM	
06-10-93 14:25:30	AAH70	ACK	of 06-10-93 14:25:21	111.4
06-10-93 14:25:36	AAH70	NORMAL	of 06-10-93 14:25:21	95.5
06-10-93 14:25:45	* AAH70	HIGH CO,	131.60 PPM	
06-10-93 14:26:06	* AAH70	NORMAL	of 06-10-93 14:25:45	103.4
06-10-93 14:26:09	* AAH70	HIGH CO,	103.40 PPM	
06-10-93 14:26:15	AAH70	ACK	of 06-10-93 14:26:09	122.1
06-10-93 14:26:15	* AAH70	ACK	of 06-10-93 14:25:45	122.1
06-10-93 14:26:27	AAH70	NORMAL	of 06-10-93 14:26:09	101.5
06-10-93 14:26:39	* AAH70	HIGH CO,	108.70 PPM	
06-10-93 14:26:41	AAH70	ACK	of 06-10-93 14:26:39	123.5
06-10-93 14:28:21	AAH70	NORMAL	of 06-10-93 14:26:39	94.8
06-10-93 14:28:33	* AAH70	HIGH CO,	99.80 PPM	
06-10-93 14:28:36	* AAH70	NORMAL	of 06-10-93 14:28:33	107
06-10-93 14:28:38	* AAH70	ACK	of 06-10-93 14:28:33	107
06-10-93 14:28:42	LAH409	NORMAL	of 06-10-93 14:23:33	
06-10-93 14:28:42	* AAH70	HIGH CO,	114.60 PPM	

06-10-93	14:28:48	* LAH409	HI LVL TRUCK LOADING SUMP TK409	
06-10-93	14:28:51	LAH409	ACK of 06-10-93 14:28:48	
06-10-93	14:28:51	AAH70	ACK of 06-10-93 14:28:42	99.5
06-10-93	14:29:12	AAH70	NORMAL of 06-10-93 14:28:42	79.9
06-10-93	14:29:24	* AAH70	HIGH CO, 105.70 PPM	
06-10-93	14:29:30	AAH70	ACK of 06-10-93 14:29:24	135.5
06-10-93	14:29:39	AAH70	NORMAL of 06-10-93 14:29:24	111.2
06-10-93	14:29:42	* LAH105	HIGH LEVEL DAY TANK 105, LEV= 9591 GAL	
06-10-93	14:29:49	LAH105	ACK of 06-10-93 14:29:42	9598
06-10-93	14:29:57	* AAH70	HIGH CO, 100.70 PPM	
06-10-93	14:30:04	AAH70	ACK of 06-10-93 14:29:57	108.6
06-10-93	14:30:15	AAH70	NORMAL of 06-10-93 14:29:57	90.8
06-10-93	14:30:15	* LG_ALARM	L/G RATIO PRE-ALARM	
06-10-93	14:30:19	LG_ALARM	ACK of 06-10-93 14:30:15	
06-10-93	14:30:33	LG_ALARM	NORMAL of 06-10-93 14:30:15	
06-10-93	14:30:36	* LG_ALARM	L/G RATIO PRE-ALARM	
06-10-93	14:30:39	LG_ALARM	ACK of 06-10-93 14:30:36	
06-10-93	14:30:48	* AAH70	HIGH CO, 101.40 PPM	
06-10-93	14:30:51	AAH70	ACK of 06-10-93 14:30:48	101.4
06-10-93	14:30:54	AAH70	NORMAL of 06-10-93 14:30:48	87.7
06-10-93	14:30:57	LG_ALARM	NORMAL of 06-10-93 14:30:36	
06-10-93	14:31:06	* LG_ALARM	L/G RATIO PRE-ALARM	
06-10-93	14:31:09	LG_ALARM	ACK of 06-10-93 14:31:06	
06-10-93	14:31:18	LAH409	NORMAL of 06-10-93 14:28:48	
06-10-93	14:31:21	LG_ALARM	NORMAL of 06-10-93 14:31:06	
06-10-93	14:31:27	* LAH409	HI LVL TRUCK LOADING SUMP TK409	
06-10-93	14:31:27	* LG_ALARM	L/G RATIO PRE-ALARM	
06-10-93	14:31:39	* LG_ALARM	NORMAL of 06-10-93 14:31:27	
06-10-93	14:31:40	* LG_ALARM	ACK of 06-10-93 14:31:27	
06-10-93	14:31:40	LAH409	ACK of 06-10-93 14:31:27	
06-10-93	14:31:57	* PDAH53	VENTURI HI DIFF PRESSURE, 92.1 IN WC	
06-10-93	14:32:07	PDAH53	ACK of 06-10-93 14:31:57	90.59
06-10-93	14:32:45	PDAH53	NORMAL of 06-10-93 14:31:57	89.67
06-10-93	14:33:51	* LG_ALARM	L/G RATIO PRE-ALARM	
06-10-93	14:33:54	* LG_ALARM	NORMAL of 06-10-93 14:33:51	
06-10-93	14:33:54	* LG_ALARM	ACK of 06-10-93 14:33:51	
06-10-93	14:51:54	* AAH70	HIGH CO, 111.60 PPM	
06-10-93	14:52:06	* AAH70	NORMAL of 06-10-93 14:51:54	73.3
06-10-93	14:54:03	* AAH70	ACK of 06-10-93 14:51:54	18.6
06-10-93	15:05:18	* LAHH105	HI HI LEV DAY TANK 105, LEV= 10929 GAL	
06-10-93	15:05:18	* XFER2_C	STORAGE TO DAY TANKS COMPLETE	
06-10-93	15:05:28	XFER2_C	ACK of 06-10-93 15:05:18	
06-10-93	15:05:28	LAHH105	ACK of 06-10-93 15:05:18	10926
06-10-93	15:11:51	* AAH68	HIGH THC, 7.90 PPM	
06-10-93	15:11:53	AAH68	ACK of 06-10-93 15:11:51	8
06-10-93	15:12:00	AAH68	NORMAL of 06-10-93 15:11:51	8
06-10-93	15:12:03	* AAH68	HIGH THC, 8.00 PPM	
06-10-93	15:12:27	AAH68	ACK of 06-10-93 15:12:03	8.1
06-10-93	15:13:18	AAH68	NORMAL of 06-10-93 15:12:03	7.9
06-10-93	15:13:24	* AAH68	HIGH THC, 7.90 PPM	
06-10-93	15:13:33	* AAH68	NORMAL of 06-10-93 15:13:24	8
06-10-93	15:13:48	* AAH68	ACK of 06-10-93 15:13:24	7.9
06-10-93	15:15:57	* AAH70	HIGH CO, 94.20 PPM	
06-10-93	15:16:02	AAH70	ACK of 06-10-93 15:15:57	90
06-10-93	15:16:03	AAH70	NORMAL of 06-10-93 15:15:57	90
06-10-93	15:16:21	* AAH70	HIGH CO, 98.40 PPM	
06-10-93	15:16:33	* AAH70	NORMAL of 06-10-93 15:16:21	88.5
06-10-93	15:16:44	* AAH70	ACK of 06-10-93 15:16:21	62.7
06-10-93	15:16:48	* AAH68	HIGH THC, 8.00 PPM	
06-10-93	15:16:52	AAH68	ACK of 06-10-93 15:16:48	8

06-10-93	15:18:33	AAH68	NORMAL of 06-10-93 15:16:48	7.9
06-10-93	15:18:45	* AAH68	HIGH THC, 7.90 PPM	
06-10-93	15:18:48	* AAH68	NORMAL of 06-10-93 15:18:45	7.9
06-10-93	15:19:15	* DEV_BAT	LOW BATTERY - DEVELOPMENT PLC	
06-10-93	15:19:16	* DEV_OFF	DEVELOPMENT PLC OFFLINE	
06-10-93	15:19:16	* DEV_D1_F	DEVELOPMENT PLC - I/O DROP #1 FAILURE	
06-10-93	15:19:20	DEV_D1_F	ACK of 06-10-93 15:19:16	
06-10-93	15:19:20	DEV_OFF	ACK of 06-10-93 15:19:16	
06-10-93	15:19:20	DEV_BAT	ACK of 06-10-93 15:19:15	
06-10-93	15:19:20	* AAH68	ACK of 06-10-93 15:18:45	7.8
06-10-93	15:19:27	DEV_BAT	NORMAL of 06-10-93 15:19:15	
06-10-93	15:19:27	DEV_OFF	NORMAL of 06-10-93 15:19:16	
06-10-93	15:19:27	DEV_D1_F	NORMAL of 06-10-93 15:19:16	
06-10-93	15:22:42	* AAH68	HIGH THC, 7.90 PPM	
06-10-93	15:22:51	* AAH68	NORMAL of 06-10-93 15:22:42	7.9
06-10-93	15:22:57	* AAH68	HIGH THC, 8.00 PPM	
06-10-93	15:23:27	* AAH68	NORMAL of 06-10-93 15:22:57	7.9
06-10-93	15:23:30	* AAH68	ACK of 06-10-93 15:22:57	7.9
06-10-93	15:23:30	* AAH68	ACK of 06-10-93 15:22:42	7.9
06-10-93	15:26:27	* AAH68	HIGH THC, 8.00 PPM	
06-10-93	15:26:36	* AAH68	NORMAL of 06-10-93 15:26:27	8
06-10-93	15:26:39	* AAH68	HIGH THC, 8.00 PPM	
06-10-93	15:26:46	AAH68	ACK of 06-10-93 15:26:39	8
06-10-93	15:26:47	* AAH68	ACK of 06-10-93 15:26:27	8
06-10-93	15:29:00	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 287 GPM	
06-10-93	15:29:05	FAL65	ACK of 06-10-93 15:29:00	287
06-10-93	15:29:09	* AAH70	HIGH CO, 125.10 PPM	
06-10-93	15:29:24	* AAH70	NORMAL of 06-10-93 15:29:09	76.5
06-10-93	15:29:24	* AAH70	ACK of 06-10-93 15:29:09	76.5
06-10-93	15:29:36	* AAH70	HIGH CO, 123.60 PPM	
06-10-93	15:29:41	AAH70	ACK of 06-10-93 15:29:36	123.6
06-10-93	15:29:54	* PDAH53	VENTURI HI DIFF PRESSURE, 90.1 IN WC	
06-10-93	15:29:54	AAH70	NORMAL of 06-10-93 15:29:36	79.4
06-10-93	15:29:54	AAH68	NORMAL of 06-10-93 15:26:39	8.4
06-10-93	15:29:57	* PDAH53	NORMAL of 06-10-93 15:29:54	90.15
06-10-93	15:29:57	* AAH68	HIGH THC, 8.40 PPM	
06-10-93	15:30:00	AAH68	ACK of 06-10-93 15:29:57	7.9
06-10-93	15:30:00	* PDAH53	ACK of 06-10-93 15:29:54	89.63
06-10-93	15:30:06	AAH68	NORMAL of 06-10-93 15:29:57	7.5
06-10-93	15:30:18	* AAH68	HIGH THC, 7.70 PPM	
06-10-93	15:30:20	AAH68	ACK of 06-10-93 15:30:18	7.7
06-10-93	15:30:30	* AAH70	HIGH CO, 150.20 PPM	
06-10-93	15:30:30	AAH68	NORMAL of 06-10-93 15:30:18	7.5
06-10-93	15:30:38	AAH70	ACK of 06-10-93 15:30:30	161.2
06-10-93	15:30:51	* LG_ALARM	L/G RATIO PRE-ALARM	
06-10-93	15:30:54	AAH70	NORMAL of 06-10-93 15:30:30	97.1
06-10-93	15:30:54	* LG_ALARM	NORMAL of 06-10-93 15:30:51	
06-10-93	15:30:54	* LG_ALARM	ACK of 06-10-93 15:30:51	
06-10-93	15:31:00	* AAH70	HIGH CO, 102.80 PPM	
06-10-93	15:31:06	* AAH70	NORMAL of 06-10-93 15:31:00	96.4
06-10-93	15:31:06	* AAH70	ACK of 06-10-93 15:31:00	96.4
06-10-93	15:31:27	* AAH70	HIGH CO, 114.10 PPM	
06-10-93	15:31:29	AAH70	ACK of 06-10-93 15:31:27	114.1
06-10-93	15:31:39	AAH70	NORMAL of 06-10-93 15:31:27	88.6
06-10-93	15:31:51	* AAH70	HIGH CO, 115.00 PPM	
06-10-93	15:31:54	* LG_ALARM	L/G RATIO PRE-ALARM	
06-10-93	15:31:57	* LG_ALARM	NORMAL of 06-10-93 15:31:54	
06-10-93	15:32:01	* LG_ALARM	ACK of 06-10-93 15:31:54	
06-10-93	15:32:01	AAH70	ACK of 06-10-93 15:31:51	107.1
06-10-93	15:32:03	* AAH68	HIGH THC, 8.30 PPM	

06-10-93 15:32:06	AAH70	NORMAL of 06-10-93 15:31:51	90.1
06-10-93 15:32:06	* AAH68	NORMAL of 06-10-93 15:32:03	7.3
06-10-93 15:32:06	* LG_ALARM	L/G RATIO PRE-ALARM	
06-10-93 15:32:15	* LG_ALARM	NORMAL of 06-10-93 15:32:06	
06-10-93 15:32:18	* AAH68	HIGH THC, 7.30 PPM	
06-10-93 15:32:20	AAH68	ACK of 06-10-93 15:32:18	7.5
06-10-93 15:32:20	* LG_ALARM	ACK of 06-10-93 15:32:06	
06-10-93 15:32:21	* AAH68	ACK of 06-10-93 15:32:03	7.5
06-10-93 15:32:21	FAL65	NORMAL of 06-10-93 15:29:00	291
06-10-93 15:32:21	* AAH70	HIGH CO, 103.40 PPM	
06-10-93 15:32:21	AAH68	NORMAL of 06-10-93 15:32:18	7.5
06-10-93 15:32:30	* AAH70	NORMAL of 06-10-93 15:32:21	89.6
06-10-93 15:32:33	* AAH70	ACK of 06-10-93 15:32:21	89.6
06-10-93 15:33:06	* AAH70	HIGH CO, 110.50 PPM	
06-10-93 15:33:10	AAH70	ACK of 06-10-93 15:33:06	148.1
06-10-93 15:33:48	* AAH68	HIGH THC, 8.10 PPM	
06-10-93 15:33:51	AAH70	NORMAL of 06-10-93 15:33:06	97.7
06-10-93 15:33:51	* AAH68	NORMAL of 06-10-93 15:33:48	8.1
06-10-93 15:33:57	* AAH68	ACK of 06-10-93 15:33:48	7.8
06-10-93 15:34:06	* AAH68	HIGH THC, 7.90 PPM	
06-10-93 15:34:08	AAH68	ACK of 06-10-93 15:34:06	7.9
06-10-93 15:34:12	AAH68	NORMAL of 06-10-93 15:34:06	7.9
06-10-93 15:34:18	* LG_ALARM	L/G RATIO PRE-ALARM	
06-10-93 15:34:30	* LG_ALARM	NORMAL of 06-10-93 15:34:18	
06-10-93 15:34:35	* LG_ALARM	ACK of 06-10-93 15:34:18	
06-10-93 15:34:36	* LG_ALARM	L/G RATIO PRE-ALARM	
06-10-93 15:34:39	* LG_ALARM	NORMAL of 06-10-93 15:34:36	
06-10-93 15:34:40	* LG_ALARM	ACK of 06-10-93 15:34:36	
06-10-93 15:34:45	* LG_ALARM	L/G RATIO PRE-ALARM	
06-10-93 15:34:47	LG_ALARM	ACK of 06-10-93 15:34:45	
06-10-93 15:34:57	* AAH70	HIGH CO, 94.00 PPM	
06-10-93 15:34:57	LG_ALARM	NORMAL of 06-10-93 15:34:45	
06-10-93 15:34:58	AAH70	ACK of 06-10-93 15:34:57	92.9
06-10-93 15:35:03	AAH70	NORMAL of 06-10-93 15:34:57	92.9
06-10-93 15:35:12	* LG_ALARM	L/G RATIO PRE-ALARM	
06-10-93 15:35:24	* LG_ALARM	NORMAL of 06-10-93 15:35:12	
06-10-93 15:35:30	* LG_ALARM	L/G RATIO PRE-ALARM	
06-10-93 15:35:31	LG_ALARM	ACK of 06-10-93 15:35:30	
06-10-93 15:35:31	* LG_ALARM	ACK of 06-10-93 15:35:12	
06-10-93 15:35:33	LG_ALARM	NORMAL of 06-10-93 15:35:30	
06-10-93 15:35:39	* LG_ALARM	L/G RATIO PRE-ALARM	
06-10-93 15:35:42	LG_ALARM	ACK of 06-10-93 15:35:39	
06-10-93 15:35:45	LG_ALARM	NORMAL of 06-10-93 15:35:39	
06-10-93 15:35:48	* LG_ALARM	L/G RATIO PRE-ALARM	
06-10-93 15:35:51	* LG_ALARM	NORMAL of 06-10-93 15:35:48	
06-10-93 15:35:54	* LG_ALARM	L/G RATIO PRE-ALARM	
06-10-93 15:35:57	* LG_ALARM	NORMAL of 06-10-93 15:35:54	
06-10-93 15:35:58	* DEV_OFF	DEVELOPMENT PLC OFFLINE	
06-10-93 15:36:01	DEV_OFF	ACK of 06-10-93 15:35:58	
06-10-93 15:36:02	* LG_ALARM	ACK of 06-10-93 15:35:54	
06-10-93 15:36:02	* LG_ALARM	ACK of 06-10-93 15:35:48	
06-10-93 15:36:32	DEV_OFF	NORMAL of 06-10-93 15:35:58	
06-10-93 15:37:24	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 288 GPM	
06-10-93 15:37:29	FAL65	ACK of 06-10-93 15:37:24	288
06-10-93 15:40:24	* AAH70	HIGH CO, 104.70 PPM	
06-10-93 15:40:35	AAH70	ACK of 06-10-93 15:40:24	105.6
06-10-93 15:40:42	AAH70	NORMAL of 06-10-93 15:40:24	88
06-10-93 15:41:48	* AAH70	HIGH CO, 94.50 PPM	
06-10-93 15:41:51	* AAH70	NORMAL of 06-10-93 15:41:48	94.5
06-10-93 15:42:05	* AAH70	ACK of 06-10-93 15:41:48	64.9

Test End 15:52

06-10-93	15:42:21	* AAH70	HIGH CO, 104.40 PPM	
06-10-93	15:42:30	AAH70	ACK of 06-10-93 15:42:21	91.7
06-10-93	15:42:33	AAH70	NORMAL of 06-10-93 15:42:21	91.7
06-10-93	15:42:45	FAL65	NORMAL of 06-10-93 15:37:24	290
06-10-93	15:43:30	* AAH68	HIGH THC, 8.70 PPM	
06-10-93	15:43:33	* AAH70	HIGH CO, 107.90 PPM	
06-10-93	15:43:35	AAH70	ACK of 06-10-93 15:43:33	125.3
06-10-93	15:43:35	AAH68	ACK of 06-10-93 15:43:30	8.5
06-10-93	15:43:45	AAH70	NORMAL of 06-10-93 15:43:33	93.2
06-10-93	15:44:57	AAH68	NORMAL of 06-10-93 15:43:30	7.9
06-10-93	15:45:48	* AAH70	HIGH CO, 112.30 PPM	
06-10-93	15:46:02	AAH70	ACK of 06-10-93 15:45:48	97.3
06-10-93	15:46:03	AAH70	NORMAL of 06-10-93 15:45:48	97.3
06-10-93	15:46:09	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 289 GPM	
06-10-93	15:46:27	FAL65	ACK of 06-10-93 15:46:09	287
06-10-93	15:47:12	* AAH70	HIGH CO, 111.50 PPM	
06-10-93	15:47:21	* AAH70	NORMAL of 06-10-93 15:47:12	96
06-10-93	15:47:30	* AAH70	ACK of 06-10-93 15:47:12	66.5
06-10-93	15:49:45	* LG_ALARM	L/G RATIO PRE-ALARM	
06-10-93	15:49:48	* LG_ALARM	NORMAL of 06-10-93 15:49:45	
06-10-93	15:49:50	* LG_ALARM	ACK of 06-10-93 15:49:45	
06-10-93	15:49:57	* LG_ALARM	L/G RATIO PRE-ALARM	
06-10-93	15:50:00	* LG_ALARM	NORMAL of 06-10-93 15:49:57	
06-10-93	15:50:03	* LG_ALARM	L/G RATIO PRE-ALARM	
06-10-93	15:50:03	LG_ALARM	ACK of 06-10-93 15:50:03	
06-10-93	15:50:03	* LG_ALARM	ACK of 06-10-93 15:49:57	
06-10-93	15:50:06	LG_ALARM	NORMAL of 06-10-93 15:50:03	
06-10-93	15:50:15	* PAH103A	HI PRESS WASTE XFER PUMP P103A	
06-10-93	15:50:24	* LG_ALARM	L/G RATIO PRE-ALARM	
06-10-93	15:50:27	* LG_ALARM	NORMAL of 06-10-93 15:50:24	
06-10-93	15:50:30	FAL65	NORMAL of 06-10-93 15:46:09	288
06-10-93	15:50:33	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 289 GPM	
06-10-93	15:50:41	FAL65	ACK of 06-10-93 15:50:33	290
06-10-93	15:50:41	* LG_ALARM	ACK of 06-10-93 15:50:24	
06-10-93	15:50:42	PAH103A	ACK of 06-10-93 15:50:15	
06-10-93	15:51:27	FAL65	NORMAL of 06-10-93 15:50:33	290
06-10-93	15:51:30	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-10-93	15:51:33	* FAL65	NORMAL of 06-10-93 15:51:30	290
06-10-93	15:51:33	* FAL65	ACK of 06-10-93 15:51:30	290
06-10-93	15:54:48	* AAH68	HIGH THC, 7.90 PPM	
06-10-93	15:55:03	* AAH68	NORMAL of 06-10-93 15:54:48	8
06-10-93	15:55:24	* AAH68	HIGH THC, 8.00 PPM	
06-10-93	15:55:58	AAH68	ACK of 06-10-93 15:55:24	8
06-10-93	15:55:58	* AAH68	ACK of 06-10-93 15:54:48	8
06-10-93	15:56:33	AAH68	NORMAL of 06-10-93 15:55:24	7.9
06-10-93	15:56:54	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 337 GPM	
06-10-93	15:56:56	FAL87	ACK of 06-10-93 15:56:54	337
06-10-93	15:57:03	FAL87	NORMAL of 06-10-93 15:56:54	444
06-10-93	15:57:30	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 288 GPM	
06-10-93	15:58:00	PAH103A	NORMAL of 06-10-93 15:50:15	
06-10-93	15:58:32	FAL65	ACK of 06-10-93 15:57:30	287
06-10-93	15:58:51	* SV104B_F	COV104B FAULT	
06-10-93	15:58:54	* SV104B_F	NORMAL of 06-10-93 15:58:51	
06-10-93	15:59:04	* SV104B_F	ACK of 06-10-93 15:58:51	
06-10-93	16:01:39	FAL65	NORMAL of 06-10-93 15:57:30	290
06-10-93	16:05:57	* FAD22C	INJECTOR C DEV ALARM, FLOW= 36.1 LB/MIN	
06-10-93	16:05:59	FAD22C	ACK of 06-10-93 16:05:57	36.09
06-10-93	16:06:06	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 288 GPM	
06-10-93	16:06:08	FAL65	ACK of 06-10-93 16:06:06	286
06-10-93	16:07:33	* AAH70	HIGH CO, 113.40 PPM	

← Test
8 End

06-10-93	16:07:39	AAH70	ACK of 06-10-93 16:07:33	141.5
06-10-93	16:08:09	AAH70	NORMAL of 06-10-93 16:07:33	79.5
06-10-93	16:08:24	* AAH70	HIGH CO, 104.10 PPM	
06-10-93	16:08:28	AAH70	ACK of 06-10-93 16:08:24	93.8
06-10-93	16:08:30	AAH70	NORMAL of 06-10-93 16:08:24	93.8
06-10-93	16:09:12	FAD22C	NORMAL of 06-10-93 16:05:57	31.18
06-10-93	16:09:33	* AAH70	HIGH CO, 111.70 PPM	
06-10-93	16:09:39	AAH70	ACK of 06-10-93 16:09:33	124.5
06-10-93	16:09:45	FAL65	NORMAL of 06-10-93 16:06:06	288
06-10-93	16:09:45	AAH70	NORMAL of 06-10-93 16:09:33	90
06-10-93	16:10:42	* FAD22A	INJECTOR A DEV ALARM, FLOW= 32.5 LB/MIN	
06-10-93	16:10:46	FAD22A	ACK of 06-10-93 16:10:42	32.48
06-10-93	16:10:57	FAD22A	NORMAL of 06-10-93 16:10:42	31.65
06-10-93	16:11:15	* FAD22A	INJECTOR A DEV ALARM, FLOW= 31.0 LB/MIN	
06-10-93	16:11:17	FAD22A	ACK of 06-10-93 16:11:15	30.89
06-10-93	16:11:18	FAD22A	NORMAL of 06-10-93 16:11:15	30.89
06-10-93	16:13:48	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 291 GPM	
06-10-93	16:13:48	* FAD22E	INJECTOR E DEV ALARM, FLOW =35.8 LB/MIN	
06-10-93	16:13:52	FAD22E	ACK of 06-10-93 16:13:48	36.19
06-10-93	16:13:52	FAL65	ACK of 06-10-93 16:13:48	287
06-10-93	16:14:12	FAD22E	NORMAL of 06-10-93 16:13:48	33.13
06-10-93	16:15:51	* PAH11	HIGH NATURAL GAS PRESSURE	
06-10-93	16:16:18	* PAH11	NORMAL of 06-10-93 16:15:51	
06-10-93	16:16:45	FAL65	NORMAL of 06-10-93 16:13:48	294
06-10-93	16:16:45	* PAH11	HIGH NATURAL GAS PRESSURE	
06-10-93	16:16:46	PAH11	ACK of 06-10-93 16:16:45	
06-10-93	16:16:46	* PAH11	ACK of 06-10-93 16:15:51	
06-10-93	16:18:18	PAH11	NORMAL of 06-10-93 16:16:45	
06-10-93	16:18:42	* PAH11	HIGH NATURAL GAS PRESSURE	
06-10-93	16:19:14	PAH11	ACK of 06-10-93 16:18:42	
06-10-93	16:19:36	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 287 GPM	
06-10-93	16:20:39	FAL65	ACK of 06-10-93 16:19:36	286
06-10-93	16:20:45	* AAH68	HIGH THC, 7.90 PPM	
06-10-93	16:20:48	* AAH68	NORMAL of 06-10-93 16:20:45	7.9
06-10-93	16:20:51	* AAH68	HIGH THC, 7.90 PPM	
06-10-93	16:21:04	AAH68	ACK of 06-10-93 16:20:51	8
06-10-93	16:21:04	* AAH68	ACK of 06-10-93 16:20:45	8
06-10-93	16:22:21	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-10-93	16:22:23	FAL87	ACK of 06-10-93 16:22:21	0
06-10-93	16:22:30	* FALL87	LOW LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-10-93	16:22:33	FALL87	ACK of 06-10-93 16:22:30	0
06-10-93	16:22:42	FAL65	NORMAL of 06-10-93 16:19:36	289
06-10-93	16:22:45	AAH68	NORMAL of 06-10-93 16:20:51	7.9
06-10-93	16:23:21	* XFER7CAN	BRINE RECIRC/LOADING TRANSFER CANCELLED	
06-10-93	16:23:25	XFER7CAN	ACK of 06-10-93 16:23:21	
06-10-93	16:23:51	* COV84C_F	COV84C FAULT	
06-10-93	16:23:58	COV84C_F	ACK of 06-10-93 16:23:51	
06-10-93	16:24:00	* COV84E_F	COV84E FAULT	
06-10-93	16:24:12	* COV84E_F	NORMAL of 06-10-93 16:24:00	
06-10-93	16:24:13	* COV84E_F	ACK of 06-10-93 16:24:00	
06-10-93	16:24:14	* BI33D	BSL-33A FLAME DETECTOR DROPOUT	
06-10-93	16:24:39	BI33D	ACK of 06-10-93 16:24:14	
06-10-93	16:25:42	FALL87	NORMAL of 06-10-93 16:22:30	0
06-10-93	16:25:48	FAL87	NORMAL of 06-10-93 16:22:21	500
06-10-93	16:25:50	BI33D	NORMAL of 06-10-93 16:24:14	
06-10-93	16:26:15	COV84C_F	NORMAL of 06-10-93 16:23:51	
06-10-93	16:26:21	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 289 GPM	
06-10-93	16:26:28	* BI33D	BSL-33A FLAME DETECTOR DROPOUT	
06-10-93	16:26:29	BI33D	ACK of 06-10-93 16:26:28	
06-10-93	16:26:29	FAL65	ACK of 06-10-93 16:26:21	286

06-10-93	16:26:34	BI33D	NORMAL of 06-10-93 16:26:28	
06-10-93	16:27:00	* FAD15A	DEV ALARM AIR INJECTOR A, FLOW=	85 SCFM
06-10-93	16:27:45	XFER7CAN	NORMAL of 06-10-93 16:23:21	
06-10-93	16:28:15	* COV84B_F	COV84B FAULT	
06-10-93	16:28:18	COV84B_F	ACK of 06-10-93 16:28:15	
06-10-93	16:28:19	FAD15A	ACK of 06-10-93 16:27:00	84
06-10-93	16:28:26	* BI33E	BSL-33B FLAME DETECTOR DROPOUT	
06-10-93	16:28:43	BI33E	ACK of 06-10-93 16:28:26	
06-10-93	16:29:12	FAL65	NORMAL of 06-10-93 16:26:21	290
06-10-93	16:29:15	* AAH68	HIGH THC, 7.80 PPM	
06-10-93	16:29:15	COV84B_F	NORMAL of 06-10-93 16:28:15	
06-10-93	16:29:25	AAH68	ACK of 06-10-93 16:29:15	8.2
06-10-93	16:29:27	AAH68	NORMAL of 06-10-93 16:29:15	8.2
06-10-93	16:29:36	* AAH68	HIGH THC, 7.90 PPM	
06-10-93	16:29:42	* AAH68	NORMAL of 06-10-93 16:29:36	7.9
06-10-93	16:29:45	* AAH68	ACK of 06-10-93 16:29:36	7.9
06-10-93	16:29:48	* AAH68	HIGH THC, 7.90 PPM	
06-10-93	16:29:50	BI33E	NORMAL of 06-10-93 16:28:26	
06-10-93	16:29:51	* AAH68	NORMAL of 06-10-93 16:29:48	7.9
06-10-93	16:30:37	* BI33E	BSL-33B FLAME DETECTOR DROPOUT	
06-10-93	16:30:40	* BI33E	NORMAL of 06-10-93 16:30:37	
06-10-93	16:31:18	* BI33E	ACK of 06-10-93 16:30:37	
06-10-93	16:31:18	* AAH68	ACK of 06-10-93 16:29:48	7.7
06-10-93	16:31:48	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 287 GPM	
06-10-93	16:32:22	FAL65	ACK of 06-10-93 16:31:48	286
06-10-93	16:33:54	* AAH68	HIGH THC, 7.60 PPM	
06-10-93	16:33:56	AAH68	ACK of 06-10-93 16:33:54	7.6
06-10-93	16:35:24	FAL65	NORMAL of 06-10-93 16:31:48	290
06-10-93	16:35:24	AAH68	NORMAL of 06-10-93 16:33:54	7
06-10-93	16:39:15	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 287 GPM	
06-10-93	16:39:18	FAL65	ACK of 06-10-93 16:39:15	287
06-10-93	16:42:30	FAL65	NORMAL of 06-10-93 16:39:15	293
06-10-93	16:43:30	* AAH68	HIGH THC, 8.60 PPM	
06-10-93	16:43:39	AAH68	ACK of 06-10-93 16:43:30	8.4
06-10-93	16:44:00	AAH68	NORMAL of 06-10-93 16:43:30	7.9
06-10-93	16:45:51	TAH46	NORMAL of 06-10-93 13:20:42	0
06-10-93	16:45:54	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	16:46:09	* TAH46	NORMAL of 06-10-93 16:45:54	0
06-10-93	16:46:27	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 288 GPM	
06-10-93	16:46:37	FAL65	ACK of 06-10-93 16:46:27	287
06-10-93	16:46:37	* TAH46	ACK of 06-10-93 16:45:54	0
06-10-93	16:46:39	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	16:46:42	* TAH46	NORMAL of 06-10-93 16:46:39	0
06-10-93	16:46:51	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	16:46:57	* TAH46	NORMAL of 06-10-93 16:46:51	0
06-10-93	16:47:13	* TAH46	ACK of 06-10-93 16:46:51	0
06-10-93	16:47:13	* TAH46	ACK of 06-10-93 16:46:39	0
06-10-93	16:47:24	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-10-93	16:47:30	* TAH46	NORMAL of 06-10-93 16:47:24	0
06-10-93	16:49:00	* TAH46	ACK of 06-10-93 16:47:24	0
06-10-93	16:49:15	* PDAH53	VENTURI HI DIFF PRESSURE, 91.0 IN WC	
06-10-93	16:49:18	* PDAH53	NORMAL of 06-10-93 16:49:15	90.99
06-10-93	16:49:21	* PDAH53	ACK of 06-10-93 16:49:15	89.93
06-10-93	16:50:51	FAL65	NORMAL of 06-10-93 16:46:27	290
06-10-93	16:54:12	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 246 GPM	
06-10-93	16:54:21	* FAL87	NORMAL of 06-10-93 16:54:12	488
06-10-93	16:55:26	* FAL87	ACK of 06-10-93 16:54:12	498
06-10-93	16:56:18	* AAH68	HIGH THC, 10.00 PPM	
06-10-93	16:57:33	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 288 GPM	
06-10-93	16:57:59	* DEV_BAT	LOW BATTERY - DEVELOPMENT PLC	

06-10-93	16:58:00	* DEV_OFF	DEVELOPMENT PLC OFFLINE	
06-10-93	16:58:00	* DEV_D1_F	DEVELOPMENT PLC - I/O DROP #1 FAILURE	
06-10-93	16:58:05	DEV_D1_F	ACK of 06-10-93 16:58:00	
06-10-93	16:58:06	DEV_OFF	ACK of 06-10-93 16:58:00	
06-10-93	16:58:06	DEV_BAT	ACK of 06-10-93 16:57:59	
06-10-93	16:58:06	FAL65	ACK of 06-10-93 16:57:33	286
06-10-93	16:58:06	AAH68	ACK of 06-10-93 16:56:18	8.2
06-10-93	16:58:12	DEV_BAT	NORMAL of 06-10-93 16:57:59	
06-10-93	16:58:12	DEV_OFF	NORMAL of 06-10-93 16:58:00	
06-10-93	16:58:13	DEV_D1_F	NORMAL of 06-10-93 16:58:00	
06-10-93	16:58:42	AAH68	NORMAL of 06-10-93 16:56:18	8
06-10-93	16:58:45	* AAH68	HIGH THC, 8.00 PPM	
06-10-93	16:58:47	AAH68	ACK of 06-10-93 16:58:45	8.1
06-10-93	16:59:03	AAH68	NORMAL of 06-10-93 16:58:45	7.9
06-10-93	16:59:18	* AAH68	HIGH THC, 8.00 PPM	
06-10-93	16:59:21	* AAH68	NORMAL of 06-10-93 16:59:18	8
06-10-93	17:01:21	FAL65	NORMAL of 06-10-93 16:57:33	290
06-10-93	17:02:54	* AAH68	ACK of 06-10-93 16:59:18	7.2
06-10-93	17:05:27	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 289 GPM	
06-10-93	17:05:36	FAD15A	NORMAL of 06-10-93 16:27:00	90
06-10-93	17:07:18	* AAH68	HIGH THC, 8.70 PPM	
06-10-93	17:07:24	* AAH68	NORMAL of 06-10-93 17:07:18	8.1
06-10-93	17:07:49	* AAH68	ACK of 06-10-93 17:07:18	7.3
06-10-93	17:07:49	FAL65	ACK of 06-10-93 17:05:27	287
06-10-93	17:08:33	PAH11	NORMAL of 06-10-93 16:18:42	
06-10-93	17:08:54	* PAH11	HIGH NATURAL GAS PRESSURE	
06-10-93	17:09:09	FAL65	NORMAL of 06-10-93 17:05:27	293
06-10-93	17:09:45	PAH11	ACK of 06-10-93 17:08:54	
06-10-93	17:10:30	PAH11	NORMAL of 06-10-93 17:08:54	
06-10-93	17:10:51	* PAH11	HIGH NATURAL GAS PRESSURE	
06-10-93	17:10:54	PAH11	ACK of 06-10-93 17:10:51	
06-10-93	17:12:24	PAH11	NORMAL of 06-10-93 17:10:51	
06-10-93	17:12:24	* AAH68	HIGH THC, 5.90 PPM	
06-10-93	17:12:45	* PAH11	HIGH NATURAL GAS PRESSURE	
06-10-93	17:12:45	* AAH68	NORMAL of 06-10-93 17:12:24	5.7
06-10-93	17:12:48	PAH11	ACK of 06-10-93 17:12:45	
06-10-93	17:12:48	* AAH68	ACK of 06-10-93 17:12:24	6
06-10-93	17:12:51	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 287 GPM	
06-10-93	17:13:28	FAL65	ACK of 06-10-93 17:12:51	285
06-10-93	17:15:48	FAL65	NORMAL of 06-10-93 17:12:51	295
06-10-93	17:18:15	* FAD48	DEV FLOW SCRUBBER MAKEUP, FLOW= 30.0 GPM	
06-10-93	17:18:35	FAD48	ACK of 06-10-93 17:18:15	28.16
06-10-93	17:19:06	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 287 GPM	
06-10-93	17:19:12	FAD48	NORMAL of 06-10-93 17:18:15	24.37
06-10-93	17:19:22	FAL65	ACK of 06-10-93 17:19:06	286
06-10-93	17:22:21	FAL65	NORMAL of 06-10-93 17:19:06	291
06-10-93	17:22:30	* PDAH53	VENTURI HI DIFF PRESSURE, 90.8 IN WC	
06-10-93	17:23:29	PDAH53	ACK of 06-10-93 17:22:30	89.3
06-10-93	17:25:45	PDAH53	NORMAL of 06-10-93 17:22:30	90.33
06-10-93	17:26:48	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 287 GPM	
06-10-93	17:26:51	FAL65	ACK of 06-10-93 17:26:48	287
06-10-93	17:27:00	* AAH68	HIGH THC, 8.00 PPM	
06-10-93	17:27:27	* AAH68	NORMAL of 06-10-93 17:27:00	8
06-10-93	17:30:18	FAL65	NORMAL of 06-10-93 17:26:48	294
06-10-93	17:30:24	* AAH68	ACK of 06-10-93 17:27:00	6.5
06-10-93	17:34:42	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 287 GPM	
06-10-93	17:34:55	FAL65	ACK of 06-10-93 17:34:42	286
06-10-93	17:36:12	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 21 GPM	
06-10-93	17:36:21	* FALL87	LOW LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-10-93	17:36:28	FALL87	ACK of 06-10-93 17:36:21	0

Test Start → 7:10 am

06-11-93	06:29:27	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 182 LB/MIN	
06-11-93	06:29:33	* FAH04A	NORMAL of 06-11-93 06:29:27	177
06-11-93	06:29:33	* AAH70	NORMAL of 06-11-93 06:29:21	85.5
06-11-93	06:29:33	* FAH04A	ACK of 06-11-93 06:29:27	177
06-11-93	06:29:33	* AAH70	ACK of 06-11-93 06:29:21	85.5
06-11-93	06:29:33	FAL65	ACK of 06-11-93 06:29:21	289
06-11-93	06:29:48	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-11-93	06:29:51	* FAH04A	NORMAL of 06-11-93 06:29:48	179
06-11-93	06:29:51	FAL65	NORMAL of 06-11-93 06:29:21	290
06-11-93	06:30:06	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-11-93	06:30:06	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 289 GPM	
06-11-93	06:30:09	* FAL65	NORMAL of 06-11-93 06:30:06	289
06-11-93	06:30:09	* FAL65	ACK of 06-11-93 06:30:06	289
06-11-93	06:30:10	FAH04A	ACK of 06-11-93 06:30:06	178
06-11-93	06:30:10	* FAH04A	ACK of 06-11-93 06:29:48	178
06-11-93	06:30:12	FAH04A	NORMAL of 06-11-93 06:30:06	178
06-11-93	06:30:27	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-11-93	06:30:30	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-11-93	06:30:33	* FAH04A	NORMAL of 06-11-93 06:30:27	178
06-11-93	06:30:33	* FAL65	NORMAL of 06-11-93 06:30:30	290
06-11-93	06:30:36	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 289 GPM	
06-11-93	06:30:42	* FAL65	NORMAL of 06-11-93 06:30:36	289
06-11-93	06:30:48	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-11-93	06:30:48	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 289 GPM	
06-11-93	06:30:51	* FAH04A	NORMAL of 06-11-93 06:30:48	179
06-11-93	06:30:51	* FAL65	NORMAL of 06-11-93 06:30:48	290
06-11-93	06:31:01	* FAL65	ACK of 06-11-93 06:30:48	289
06-11-93	06:31:01	* FAH04A	ACK of 06-11-93 06:30:48	177
06-11-93	06:31:01	* FAL65	ACK of 06-11-93 06:30:36	289
06-11-93	06:31:02	* FAL65	ACK of 06-11-93 06:30:30	289
06-11-93	06:31:02	* FAH04A	ACK of 06-11-93 06:30:27	177
06-11-93	06:31:03	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 289 GPM	
06-11-93	06:31:09	* FAL65	NORMAL of 06-11-93 06:31:03	290
06-11-93	06:31:12	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-11-93	06:31:12	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 289 GPM	
06-11-93	06:31:15	* FAH04A	NORMAL of 06-11-93 06:31:12	178
06-11-93	06:31:15	* FAL65	NORMAL of 06-11-93 06:31:12	289
06-11-93	06:31:21	* AAH70	HIGH CO, 111.50 PPM	
06-11-93	06:31:27	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-11-93	06:31:30	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 290 GPM	
06-11-93	06:31:30	* AAH70	NORMAL of 06-11-93 06:31:21	92
06-11-93	06:31:32	FAL65	ACK of 06-11-93 06:31:30	290
06-11-93	06:31:32	FAH04A	ACK of 06-11-93 06:31:27	179
06-11-93	06:31:33	* AAH70	ACK of 06-11-93 06:31:21	71.9
06-11-93	06:31:33	* FAL65	ACK of 06-11-93 06:31:12	290
06-11-93	06:31:33	* FAH04A	ACK of 06-11-93 06:31:12	179
06-11-93	06:31:33	* FAL65	ACK of 06-11-93 06:31:03	290
06-11-93	06:31:33	FAH04A	NORMAL of 06-11-93 06:31:27	179
06-11-93	06:31:33	FAL65	NORMAL of 06-11-93 06:31:30	290
06-11-93	06:31:48	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-11-93	06:31:54	* FAH04A	NORMAL of 06-11-93 06:31:48	177
06-11-93	06:32:12	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-11-93	06:32:13	FAH04A	ACK of 06-11-93 06:32:12	180
06-11-93	06:32:13	* FAH04A	ACK of 06-11-93 06:31:48	180
06-11-93	06:32:15	XFER7CAN	NORMAL of 06-10-93 18:30:18	
06-11-93	06:32:18	FAH04A	NORMAL of 06-11-93 06:32:12	176
06-11-93	06:32:30	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-11-93	06:32:39	* FAH04A	NORMAL of 06-11-93 06:32:30	179
06-11-93	06:32:42	* FAH04A	ACK of 06-11-93 06:32:30	176
06-11-93	06:32:45	* COV84A_F	COV84A FAULT	

06-11-93	06:32:54	LAL84B	NORMAL of 06-11-93 04:49:27	4e+003
06-11-93	06:32:54	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-11-93	06:32:54	FAH04A	ACK of 06-11-93 06:32:54	180
06-11-93	06:32:54	COV84A_F	ACK of 06-11-93 06:32:45	
06-11-93	06:32:57	* LAL84B	TK201 LOW LEVEL, LEV= 4002 GAL	
06-11-93	06:33:00	* LAL84B	NORMAL of 06-11-93 06:32:57	4.01e+003
06-11-93	06:33:00	FAH04A	NORMAL of 06-11-93 06:32:54	175
06-11-93	06:33:12	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-11-93	06:33:18	* FAH04A	NORMAL of 06-11-93 06:33:12	176
06-11-93	06:33:33	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 181 LB/MIN	
06-11-93	06:33:35	FAH04A	ACK of 06-11-93 06:33:33	181
06-11-93	06:33:35	* FAH04A	ACK of 06-11-93 06:33:12	181
06-11-93	06:33:35	* LAL84B	ACK of 06-11-93 06:32:57	4.04e+003
06-11-93	06:33:39	FAH04A	NORMAL of 06-11-93 06:33:33	178
06-11-93	06:33:57	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 178 LB/MIN	
06-11-93	06:34:03	* FAH04A	NORMAL of 06-11-93 06:33:57	177
06-11-93	06:34:15	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-11-93	06:34:17	FAH04A	ACK of 06-11-93 06:34:15	180
06-11-93	06:34:17	* FAH04A	ACK of 06-11-93 06:33:57	180
06-11-93	06:34:24	FAH04A	NORMAL of 06-11-93 06:34:15	176
06-11-93	06:34:36	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 177 LB/MIN	
06-11-93	06:34:38	FAH04A	ACK of 06-11-93 06:34:36	177
06-11-93	06:34:42	FAH04A	NORMAL of 06-11-93 06:34:36	178
06-11-93	06:34:51	* AAH70	HIGH CO, 107.30 PPM	
06-11-93	06:34:57	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 176 LB/MIN	
06-11-93	06:34:57	* AAH70	NORMAL of 06-11-93 06:34:51	99
06-11-93	06:34:58	FAH04A	ACK of 06-11-93 06:34:57	176
06-11-93	06:34:58	* AAH70	ACK of 06-11-93 06:34:51	99
06-11-93	06:35:03	FAH04A	NORMAL of 06-11-93 06:34:57	179
06-11-93	06:35:21	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-11-93	06:35:27	* FAH04A	NORMAL of 06-11-93 06:35:21	180
06-11-93	06:36:00	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 177 LB/MIN	
06-11-93	06:36:06	* FAH04A	NORMAL of 06-11-93 06:36:00	175
06-11-93	06:36:39	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 176 LB/MIN	
06-11-93	06:36:39	* AAH70	HIGH CO, 94.40 PPM	
06-11-93	06:36:45	* FAH04A	NORMAL of 06-11-93 06:36:39	180
06-11-93	06:36:45	* AAH70	NORMAL of 06-11-93 06:36:39	98.4
06-11-93	06:37:00	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-11-93	06:37:06	* FAH04A	NORMAL of 06-11-93 06:37:00	178
06-11-93	06:37:21	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 177 LB/MIN	
06-11-93	06:37:24	* FAH04A	NORMAL of 06-11-93 06:37:21	179
06-11-93	06:37:27	* FAH04A	ACK of 06-11-93 06:37:21	176
06-11-93	06:37:27	* FAH04A	ACK of 06-11-93 06:37:00	176
06-11-93	06:37:27	* AAH70	ACK of 06-11-93 06:36:39	59.5
06-11-93	06:37:27	* FAH04A	ACK of 06-11-93 06:36:39	176
06-11-93	06:37:27	* FAH04A	ACK of 06-11-93 06:36:00	176
06-11-93	06:37:28	* FAH04A	ACK of 06-11-93 06:35:21	176
06-11-93	06:37:39	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-11-93	06:37:42	* FAH04A	NORMAL of 06-11-93 06:37:39	179
06-11-93	06:38:05	* FAH04A	ACK of 06-11-93 06:37:39	178
06-11-93	06:38:18	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 178 LB/MIN	
06-11-93	06:38:21	* FAH04A	NORMAL of 06-11-93 06:38:18	178
06-11-93	06:38:42	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-11-93	06:38:45	* FAH04A	NORMAL of 06-11-93 06:38:42	179
06-11-93	06:39:00	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-11-93	06:39:03	* FAH04A	NORMAL of 06-11-93 06:39:00	179
06-11-93	06:39:21	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 181 LB/MIN	
06-11-93	06:39:24	* FAH04A	NORMAL of 06-11-93 06:39:21	178
06-11-93	06:39:28	* FAH04A	ACK of 06-11-93 06:39:21	176
06-11-93	06:39:28	* FAH04A	ACK of 06-11-93 06:39:00	176

06-11-93	06:39:28	* FAH04A	ACK of 06-11-93 06:38:42	176
06-11-93	06:39:28	* FAH04A	ACK of 06-11-93 06:38:18	176
06-11-93	06:40:03	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-11-93	06:40:09	* FAH04A	NORMAL of 06-11-93 06:40:03	175
06-11-93	06:40:15	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 289 GPM	
06-11-93	06:40:21	FAL65	ACK of 06-11-93 06:40:15	287
06-11-93	06:40:21	* FAH04A	ACK of 06-11-93 06:40:03	179
06-11-93	06:40:24	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-11-93	06:40:48	* FAH04A	NORMAL of 06-11-93 06:40:24	178
06-11-93	06:41:03	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 178 LB/MIN	
06-11-93	06:41:09	* FAH04A	NORMAL of 06-11-93 06:41:03	178
06-11-93	06:41:18	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-11-93	06:41:21	FAL87	ACK of 06-11-93 06:41:18	0
06-11-93	06:41:22	* FAH04A	ACK of 06-11-93 06:41:03	178
06-11-93	06:41:22	* FAH04A	ACK of 06-11-93 06:40:24	179
06-11-93	06:41:24	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-11-93	06:41:27	* FAH04A	NORMAL of 06-11-93 06:41:24	178
06-11-93	06:41:30	* FAL87	LOW LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-11-93	06:41:45	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-11-93	06:41:48	* FAH04A	NORMAL of 06-11-93 06:41:45	180
06-11-93	06:41:50	* FAH04A	ACK of 06-11-93 06:41:45	177
06-11-93	06:41:50	FAL87	ACK of 06-11-93 06:41:30	0
06-11-93	06:41:50	* FAH04A	ACK of 06-11-93 06:41:24	177
06-11-93	06:42:00	COV84A_F	NORMAL of 06-11-93 06:32:45	
06-11-93	06:42:18	FAL87	NORMAL of 06-11-93 06:41:30	0
06-11-93	06:42:24	FAL87	NORMAL of 06-11-93 06:41:18	31
06-11-93	06:42:27	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-11-93	06:42:30	* FAH04A	NORMAL of 06-11-93 06:42:27	180
06-11-93	06:42:33	* FAH04A	ACK of 06-11-93 06:42:27	176
06-11-93	06:42:45	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-11-93	06:42:45	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-11-93	06:42:48	* FAH04A	NORMAL of 06-11-93 06:42:45	180
06-11-93	06:42:51	* FAL87	NORMAL of 06-11-93 06:42:45	500
06-11-93	06:42:56	* FAL87	ACK of 06-11-93 06:42:45	500
06-11-93	06:42:56	* FAH04A	ACK of 06-11-93 06:42:45	175
06-11-93	06:43:09	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-11-93	06:43:12	* FAH04A	NORMAL of 06-11-93 06:43:09	177
06-11-93	06:43:15	* FAH04A	ACK of 06-11-93 06:43:09	177
06-11-93	06:43:27	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-11-93	06:43:33	* FAH04A	NORMAL of 06-11-93 06:43:27	178
06-11-93	06:43:39	FAL65	NORMAL of 06-11-93 06:40:15	290
06-11-93	06:44:09	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-11-93	06:44:12	* FAH04A	NORMAL of 06-11-93 06:44:09	179
06-11-93	06:44:30	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-11-93	06:44:33	* FAH04A	NORMAL of 06-11-93 06:44:30	180
06-11-93	06:44:34	* FAH04A	ACK of 06-11-93 06:44:30	177
06-11-93	06:44:34	* FAH04A	ACK of 06-11-93 06:44:09	177
06-11-93	06:44:34	* FAH04A	ACK of 06-11-93 06:43:27	177
06-11-93	06:44:51	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-11-93	06:44:54	* FAH04A	NORMAL of 06-11-93 06:44:51	179
06-11-93	06:45:30	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-11-93	06:45:33	* FAH04A	NORMAL of 06-11-93 06:45:30	178
06-11-93	06:46:12	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-11-93	06:46:15	* FAH04A	NORMAL of 06-11-93 06:46:12	176
06-11-93	06:47:15	* FAL65	LO FLOW SCRUBBER RECIRC, FLOW= 286 GPM	
06-11-93	06:48:08	FAL65	ACK of 06-11-93 06:47:15	285
06-11-93	06:48:08	* FAH04A	ACK of 06-11-93 06:46:12	178
06-11-93	06:48:08	* FAH04A	ACK of 06-11-93 06:45:30	178
06-11-93	06:48:08	* FAH04A	ACK of 06-11-93 06:44:51	178
06-11-93	06:48:09	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 178 LB/MIN	

06-11-93	06:48:25	FAH04A	ACK of 06-11-93 06:48:09	180
06-11-93	06:48:30	FAH04A	NORMAL of 06-11-93 06:48:09	177
06-11-93	06:49:03	* PLCA_OFF	PLC A OFFLINE	
06-11-93	06:49:06	PLCA_OFF	ACK of 06-11-93 06:49:03	
06-11-93	06:50:51	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-11-93	06:50:54	* FAH04A	NORMAL of 06-11-93 06:50:51	176
06-11-93	06:51:28	* FAH04A	ACK of 06-11-93 06:50:51	179
06-11-93	06:51:51	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-11-93	06:51:54	FAH04A	ACK of 06-11-93 06:51:51	176
06-11-93	06:52:33	FAH04A	NORMAL of 06-11-93 06:51:51	179
06-11-93	06:53:51	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-11-93	06:53:54	* FAH04A	NORMAL of 06-11-93 06:53:51	177
06-11-93	06:54:42	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 204 GPM	
06-11-93	06:54:51	* FAL87	NORMAL of 06-11-93 06:54:42	494
06-11-93	06:55:16	* FAL87	ACK of 06-11-93 06:54:42	462
06-11-93	06:55:16	* FAH04A	ACK of 06-11-93 06:53:51	175
06-11-93	06:56:06	FAL65	NORMAL of 06-11-93 06:47:15	285
06-11-93	06:57:12	* FAD48	DEV FLOW SCRUBBER MAKEUP, FLOW= 34.7 GPM	
06-11-93	06:57:17	FAD48	ACK of 06-11-93 06:57:12	34.7
06-11-93	06:57:30	PLCA_OFF	NORMAL of 06-11-93 06:49:03	
06-11-93	06:59:06	FAD48	NORMAL of 06-11-93 06:57:12	21.95
06-11-93	07:02:48	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.3 PH	
06-11-93	07:03:15	* AAL56	NORMAL of 06-11-93 07:02:48	5.25
06-11-93	07:03:18	* AAL56	ACK of 06-11-93 07:02:48	5.26
06-11-93	07:08:21	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 29 GPM	
06-11-93	07:08:33	* FALL87	LOW LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-11-93	07:08:35	FALL87	ACK of 06-11-93 07:08:33	0
06-11-93	07:08:36	FAL87	ACK of 06-11-93 07:08:21	0
06-11-93	07:09:12	FAL87	NORMAL of 06-11-93 07:08:21	0
06-11-93	07:09:12	FALL87	NORMAL of 06-11-93 07:08:33	0
06-11-93	07:09:45	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-11-93	07:09:47	FAL87	ACK of 06-11-93 07:09:45	0
06-11-93	07:09:51	FAL87	NORMAL of 06-11-93 07:09:45	497
06-11-93	07:10:15	TAH46	NORMAL of 06-11-93 05:20:27	0 ← St
06-11-93	07:10:18	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-11-93	07:10:21	* TAH46	NORMAL of 06-11-93 07:10:18	0
06-11-93	07:10:24	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-11-93	07:10:54	* PDAH53	VENTURI HI DIFF PRESSURE, 90.4 IN WC	
06-11-93	07:10:56	PDAH53	ACK of 06-11-93 07:10:54	90.44
06-11-93	07:10:56	TAH46	ACK of 06-11-93 07:10:24	0
06-11-93	07:10:56	* TAH46	ACK of 06-11-93 07:10:18	0
06-11-93	07:10:57	PDAH53	NORMAL of 06-11-93 07:10:54	90.44
06-11-93	07:11:33	TAH46	NORMAL of 06-11-93 07:10:24	0
06-11-93	07:11:42	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-11-93	07:11:45	* TAH46	NORMAL of 06-11-93 07:11:42	0
06-11-93	07:11:45	* TAH46	ACK of 06-11-93 07:11:42	0
06-11-93	07:11:48	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-11-93	07:11:53	TAH46	ACK of 06-11-93 07:11:48	0
06-11-93	07:11:57	TAH46	NORMAL of 06-11-93 07:11:48	0
06-11-93	07:12:03	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-11-93	07:12:09	* TAH46	NORMAL of 06-11-93 07:12:03	0
06-11-93	07:12:15	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-11-93	07:12:15	TAH46	ACK of 06-11-93 07:12:15	0
06-11-93	07:12:15	* TAH46	ACK of 06-11-93 07:12:03	0
06-11-93	07:12:21	TAH46	NORMAL of 06-11-93 07:12:15	0
06-11-93	07:12:24	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-11-93	07:12:28	TAH46	ACK of 06-11-93 07:12:24	0
06-11-93	07:12:45	TAH46	NORMAL of 06-11-93 07:12:24	0
06-11-93	07:13:00	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-11-93	07:13:03	* TAH46	NORMAL of 06-11-93 07:13:00	0

06-11-93 07:13:08	* TAH46	ACK of 06-11-93 07:13:00	0
06-11-93 07:13:27	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-11-93 07:13:30	* TAH46	NORMAL of 06-11-93 07:13:27	0
06-11-93 07:13:36	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-11-93 07:13:42	* TAH46	NORMAL of 06-11-93 07:13:36	0
06-11-93 07:14:01	* TAH46	ACK of 06-11-93 07:13:36	0
06-11-93 07:14:01	* TAH46	ACK of 06-11-93 07:13:27	0
06-11-93 07:17:12	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.2 PH	
06-11-93 07:17:17	AAL56	ACK of 06-11-93 07:17:12	5.19
06-11-93 07:18:27	AAL56	NORMAL of 06-11-93 07:17:12	5.25
06-11-93 07:19:39	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 303 GPM	
06-11-93 07:19:42	* FAL87	NORMAL of 06-11-93 07:19:39	301
06-11-93 07:19:42	* FAL87	ACK of 06-11-93 07:19:39	301
06-11-93 07:19:48	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 297 GPM	
06-11-93 07:19:51	* FAL87	NORMAL of 06-11-93 07:19:48	297
06-11-93 07:19:57	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 299 GPM	
06-11-93 07:20:00	* FAL87	NORMAL of 06-11-93 07:19:57	300
06-11-93 07:20:06	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 304 GPM	
06-11-93 07:20:12	FAL87	ACK of 06-11-93 07:20:06	300
06-11-93 07:20:12	* FAL87	ACK of 06-11-93 07:19:57	300
06-11-93 07:20:12	* FAL87	ACK of 06-11-93 07:19:48	300
06-11-93 07:20:15	FAL87	NORMAL of 06-11-93 07:20:06	299
06-11-93 07:20:18	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 300 GPM	
06-11-93 07:20:21	* FAL87	NORMAL of 06-11-93 07:20:18	300
06-11-93 07:20:27	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 294 GPM	
06-11-93 07:20:34	FAL87	ACK of 06-11-93 07:20:27	292
06-11-93 07:20:34	* FAL87	ACK of 06-11-93 07:20:18	292
06-11-93 07:21:57	FAL87	NORMAL of 06-11-93 07:20:27	468
06-11-93 07:22:09	* FAD48	DEV FLOW SCRUBBER MAKEUP, FLOW= 34.5 GPM	
06-11-93 07:22:34	FAD48	ACK of 06-11-93 07:22:09	32.19
06-11-93 07:25:15	* PLCA_OFF	PLC A OFFLINE	
06-11-93 07:25:39	FAD48	NORMAL of 06-11-93 07:22:09	2.24
06-11-93 07:27:24	PLCA_OFF	ACK of 06-11-93 07:25:15	
06-11-93 07:29:57	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 298 GPM	
06-11-93 07:30:14	FAL87	ACK of 06-11-93 07:29:57	305
06-11-93 07:32:00	PLCA_OFF	NORMAL of 06-11-93 07:25:15	
06-11-93 07:34:03	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	10 LEL
06-11-93 07:34:38	AAH515	ACK of 06-11-93 07:34:03	10
06-11-93 07:35:36	* FALL87	LOW LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-11-93 07:35:47	FALL87	ACK of 06-11-93 07:35:36	0
06-11-93 07:36:15	FAL87	NORMAL of 06-11-93 07:29:57	415
06-11-93 07:36:15	FALL87	NORMAL of 06-11-93 07:35:36	415
06-11-93 07:36:15	AAH515	NORMAL of 06-11-93 07:34:03	9
06-11-93 07:37:27	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-11-93 07:37:33	* FALL87	LOW LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-11-93 07:37:42	FALL87	ACK of 06-11-93 07:37:33	0
06-11-93 07:37:42	FAL87	ACK of 06-11-93 07:37:27	0
06-11-93 07:38:27	* LG_ALARM	L/G RATIO PRE-ALARM	
06-11-93 07:38:30	* LG_ALARM	NORMAL of 06-11-93 07:38:27	
06-11-93 07:38:32	* LG_ALARM	ACK of 06-11-93 07:38:27	
06-11-93 07:38:33	* LG_ALARM	L/G RATIO PRE-ALARM	
06-11-93 07:38:39	* LG_ALARM	NORMAL of 06-11-93 07:38:33	
06-11-93 07:38:49	* LG_ALARM	ACK of 06-11-93 07:38:33	
06-11-93 07:39:21	* LG_ALARM	L/G RATIO PRE-ALARM	
06-11-93 07:39:24	* LG_ALARM	NORMAL of 06-11-93 07:39:21	
06-11-93 07:39:43	* LG_ALARM	ACK of 06-11-93 07:39:21	
06-11-93 07:40:39	* LG_ALARM	L/G RATIO PRE-ALARM	
06-11-93 07:40:44	LG_ALARM	ACK of 06-11-93 07:40:39	
06-11-93 07:40:48	LG_ALARM	NORMAL of 06-11-93 07:40:39	
06-11-93 07:40:57	* LG_ALARM	L/G RATIO PRE-ALARM	

06-11-93 07:41:03	* LG_ALARM	NORMAL of 06-11-93 07:40:57	
06-11-93 07:41:04	* LG_ALARM	ACK of 06-11-93 07:40:57	
06-11-93 07:42:36	* AAH515	HI HYDROCARB LEV (GAS RACK E 153')	23 LEL
06-11-93 07:42:40	AAH515	ACK of 06-11-93 07:42:36	43
06-11-93 07:43:33	* LG_ALARM	L/G RATIO PRE-ALARM	
06-11-93 07:43:49	LG_ALARM	ACK of 06-11-93 07:43:33	
06-11-93 07:45:27	AAH515	NORMAL of 06-11-93 07:42:36	5
06-11-93 07:45:42	LG_ALARM	NORMAL of 06-11-93 07:43:33	
06-11-93 07:47:45	FALL87	NORMAL of 06-11-93 07:37:33	500
06-11-93 07:47:45	* FAD48	DEV FLOW SCRUBBER MAKEUP, FLOW= 33.4 GPM	
06-11-93 07:47:50	FAD48	ACK of 06-11-93 07:47:45	32.78
06-11-93 07:48:51	FAL87	NORMAL of 06-11-93 07:37:27	478
06-11-93 07:48:51	FAD48	NORMAL of 06-11-93 07:47:45	24.27
06-11-93 07:49:03	* LG_ALARM	L/G RATIO PRE-ALARM	
06-11-93 07:49:05	LG_ALARM	ACK of 06-11-93 07:49:03	
06-11-93 07:49:33	LG_ALARM	NORMAL of 06-11-93 07:49:03	
06-11-93 07:49:42	* LG_ALARM	L/G RATIO PRE-ALARM	
06-11-93 07:49:45	LG_ALARM	ACK of 06-11-93 07:49:42	
06-11-93 07:51:57	LG_ALARM	NORMAL of 06-11-93 07:49:42	
06-11-93 07:53:39	* LG_ALARM	L/G RATIO PRE-ALARM	
06-11-93 07:53:43	LG_ALARM	ACK of 06-11-93 07:53:39	
06-11-93 07:55:48	LG_ALARM	NORMAL of 06-11-93 07:53:39	
06-11-93 07:58:00	* FAHH1630	HI HI COMB FLOW FIT16= 4036	FIT30= 3586 SCF
06-11-93 07:58:03	FAHH1630	ACK of 06-11-93 07:58:00	4036
06-11-93 07:58:09	FAHH1630	NORMAL of 06-11-93 07:58:00	3989
06-11-93 07:58:18	* LG_ALARM	L/G RATIO PRE-ALARM	
06-11-93 07:58:21	* FAHH1630	HI HI COMB FLOW FIT16= 4001	FIT30= 3622 SCF
06-11-93 07:58:21	* LG_ALARM	NORMAL of 06-11-93 07:58:18	
06-11-93 07:58:24	* FAHH1630	NORMAL of 06-11-93 07:58:21	3988
06-11-93 07:58:39	* FAHH1630	HI HI COMB FLOW FIT16= 4043	FIT30= 3595 SCF
06-11-93 07:58:51	* FAHH1630	NORMAL of 06-11-93 07:58:39	4030
06-11-93 07:58:54	* FAHH1630	HI HI COMB FLOW FIT16= 4029	FIT30= 3583 SCF
06-11-93 07:58:57	* FAHH1630	NORMAL of 06-11-93 07:58:54	4036
06-11-93 07:59:00	* FAHH1630	HI HI COMB FLOW FIT16= 4036	FIT30= 3577 SCF
06-11-93 07:59:03	* LG_ALARM	L/G RATIO PRE-ALARM	
06-11-93 07:59:06	* LG_ALARM	NORMAL of 06-11-93 07:59:03	
06-11-93 07:59:09	* FAHH1630	NORMAL of 06-11-93 07:59:00	4027
06-11-93 07:59:18	* LG_ALARM	L/G RATIO PRE-ALARM	
06-11-93 07:59:21	* LG_ALARM	NORMAL of 06-11-93 07:59:18	
06-11-93 07:59:36	* FAHH1630	HI HI COMB FLOW FIT16= 4027	FIT30= 3567 SCF
06-11-93 07:59:39	* FAHH1630	NORMAL of 06-11-93 07:59:36	4027
06-11-93 07:59:42	* FAHH1630	HI HI COMB FLOW FIT16= 4048	FIT30= 3601 SCF
06-11-93 07:59:48	* FAHH1630	NORMAL of 06-11-93 07:59:42	4035
06-11-93 07:59:51	* FAHH1630	HI HI COMB FLOW FIT16= 4035	FIT30= 3579 SCF
06-11-93 07:59:55	FAHH1630	ACK of 06-11-93 07:59:51	4017
06-11-93 07:59:55	* FAHH1630	ACK of 06-11-93 07:59:42	4017
06-11-93 07:59:56	* FAHH1630	ACK of 06-11-93 07:59:36	4017
06-11-93 07:59:56	* LG_ALARM	ACK of 06-11-93 07:59:18	
06-11-93 07:59:56	* LG_ALARM	ACK of 06-11-93 07:59:03	
06-11-93 07:59:56	* FAHH1630	ACK of 06-11-93 07:59:00	3989
06-11-93 07:59:56	* FAHH1630	ACK of 06-11-93 07:58:54	3989
06-11-93 07:59:57	* FAHH1630	ACK of 06-11-93 07:58:39	3989
06-11-93 07:59:57	* FAHH1630	ACK of 06-11-93 07:58:21	3989
06-11-93 07:59:57	* LG_ALARM	ACK of 06-11-93 07:58:18	
06-11-93 07:59:57	FAHH1630	NORMAL of 06-11-93 07:59:51	3989
06-11-93 08:00:36	* LG_ALARM	L/G RATIO PRE-ALARM	
06-11-93 08:00:39	* FAHH1630	HI HI COMB FLOW FIT16= 4041	FIT30= 3584 SCF
06-11-93 08:00:42	* LG_ALARM	NORMAL of 06-11-93 08:00:36	
06-11-93 08:00:45	* FAHH1630	NORMAL of 06-11-93 08:00:39	4046
06-11-93 08:00:48	* FAHH1630	HI HI COMB FLOW FIT16= 4030	FIT30= 3559 SCF

06-11-93 08:00:48	* LG_ALARM	L/G RATIO PRE-ALARM	
06-11-93 08:00:51	* FAHH1630	NORMAL of 06-11-93 08:00:48	4030
06-11-93 08:00:52	LG_ALARM	ACK of 06-11-93 08:00:48	
06-11-93 08:00:52	* FAHH1630	ACK of 06-11-93 08:00:48	4030
06-11-93 08:00:53	* FAHH1630	ACK of 06-11-93 08:00:39	4030
06-11-93 08:00:53	* LG_ALARM	ACK of 06-11-93 08:00:36	
06-11-93 08:00:54	LG_ALARM	NORMAL of 06-11-93 08:00:48	
06-11-93 08:00:57	* FAHH1630	HI HI COMB FLOW FIT16= 4036 FIT30= 3581 SCF	
06-11-93 08:00:57	* LG_ALARM	L/G RATIO PRE-ALARM	
06-11-93 08:01:00	* LG_ALARM	NORMAL of 06-11-93 08:00:57	
06-11-93 08:01:03	* FAHH1630	NORMAL of 06-11-93 08:00:57	4042
06-11-93 08:01:06	* FAHH1630	HI HI COMB FLOW FIT16= 4017 FIT30= 3568 SCF	
06-11-93 08:01:09	* FAHH1630	NORMAL of 06-11-93 08:01:06	4041
06-11-93 08:01:12	* LG_ALARM	L/G RATIO PRE-ALARM	
06-11-93 08:01:15	* LG_ALARM	NORMAL of 06-11-93 08:01:12	
06-11-93 08:01:18	* FAHH1630	HI HI COMB FLOW FIT16= 4054 FIT30= 3580 SCF	
06-11-93 08:01:18	* LG_ALARM	L/G RATIO PRE-ALARM	
06-11-93 08:01:21	* FAHH1630	NORMAL of 06-11-93 08:01:18	4042
06-11-93 08:01:24	* FAHH1630	HI HI COMB FLOW FIT16= 4048 FIT30= 3592 SCF	
06-11-93 08:01:24	* LG_ALARM	NORMAL of 06-11-93 08:01:18	
06-11-93 08:01:27	* FAHH1630	NORMAL of 06-11-93 08:01:24	4048
06-11-93 08:01:28	* FAHH1630	ACK of 06-11-93 08:01:24	4048
06-11-93 08:01:28	* LG_ALARM	ACK of 06-11-93 08:01:18	
06-11-93 08:01:28	* FAHH1630	ACK of 06-11-93 08:01:18	4058
06-11-93 08:01:28	* LG_ALARM	ACK of 06-11-93 08:01:12	
06-11-93 08:01:28	* FAHH1630	ACK of 06-11-93 08:01:06	4058
06-11-93 08:01:28	* LG_ALARM	ACK of 06-11-93 08:00:57	
06-11-93 08:01:29	* FAHH1630	ACK of 06-11-93 08:00:57	4058
06-11-93 08:01:30	* FAHH1630	HI HI COMB FLOW FIT16= 4058 FIT30= 3524 SCF	
06-11-93 08:01:33	* FAHH1630	NORMAL of 06-11-93 08:01:30	4048
06-11-93 08:01:33	* LG_ALARM	L/G RATIO PRE-ALARM	
06-11-93 08:01:39	* LG_ALARM	NORMAL of 06-11-93 08:01:33	
06-11-93 08:01:41	* LG_ALARM	ACK of 06-11-93 08:01:33	
06-11-93 08:01:41	* FAHH1630	ACK of 06-11-93 08:01:30	4052
06-11-93 08:01:42	* LG_ALARM	L/G RATIO PRE-ALARM	
06-11-93 08:01:45	* LG_ALARM	NORMAL of 06-11-93 08:01:42	
06-11-93 08:02:06	* LG_ALARM	ACK of 06-11-93 08:01:42	
06-11-93 08:02:18	* LG_ALARM	L/G RATIO PRE-ALARM	
06-11-93 08:02:21	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 249 GPM	
06-11-93 08:02:21	* LG_ALARM	NORMAL of 06-11-93 08:02:18	
06-11-93 08:02:31	FAL87	ACK of 06-11-93 08:02:21	500
06-11-93 08:02:31	* LG_ALARM	ACK of 06-11-93 08:02:18	
06-11-93 08:02:33	FAL87	NORMAL of 06-11-93 08:02:21	500
06-11-93 08:04:24	* PLCA_OFF	PLC A OFFLINE	
06-11-93 08:04:29	PLCA_OFF	ACK of 06-11-93 08:04:24	
06-11-93 08:08:33	PLCA_OFF	NORMAL of 06-11-93 08:04:24	
06-11-93 08:09:48	* FAD48	DEV FLOW SCRUBBER MAKEUP, FLOW= 33.6 GPM	
06-11-93 08:11:13	FAD48	ACK of 06-11-93 08:09:48	24.37
06-11-93 08:11:57	FAD48	NORMAL of 06-11-93 08:09:48	18.59
06-11-93 08:15:57	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 104 GPM	
06-11-93 08:16:02	FAL87	ACK of 06-11-93 08:15:57	0
06-11-93 08:16:09	* FALL87	LOW LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-11-93 08:16:12	FALL87	ACK of 06-11-93 08:16:09	0
06-11-93 08:16:51	FAL87	NORMAL of 06-11-93 08:15:57	500
06-11-93 08:16:51	FALL87	NORMAL of 06-11-93 08:16:09	500
06-11-93 08:17:12	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 500 GPM	
06-11-93 08:17:14	FAL87	ACK of 06-11-93 08:17:12	500
06-11-93 08:17:18	FAL87	NORMAL of 06-11-93 08:17:12	500
06-11-93 08:18:51	AAH68	NORMAL of 06-11-93 05:45:45	8
06-11-93 08:19:00	* AAH68	HIGH THC, 8.00 PPM	

06-11-93	08:19:43	AAH68	ACK of 06-11-93 08:19:00	8.1
06-11-93	08:23:42	AAH68	NORMAL of 06-11-93 08:19:00	7.9
06-11-93	08:29:27	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 243 GPM	
06-11-93	08:29:31	FAL87	ACK of 06-11-93 08:29:27	0
06-11-93	08:29:36	FAL87	NORMAL of 06-11-93 08:29:27	500
06-11-93	08:33:51	* FAD48	DEV FLOW SCRUBBER MAKEUP, FLOW= 31.0 GPM	
06-11-93	08:33:53	FAD48	ACK of 06-11-93 08:33:51	31.02
06-11-93	08:34:39	FAD48	NORMAL of 06-11-93 08:33:51	26.2
06-11-93	08:36:16	* DEV_OFF	DEVELOPMENT PLC OFFLINE	
06-11-93	08:36:20	DEV_OFF	ACK of 06-11-93 08:36:16	
06-11-93	08:36:42	DEV_OFF	NORMAL of 06-11-93 08:36:16	
06-11-93	08:39:15	* AAH68	HIGH THC, 8.00 PPM	
06-11-93	08:39:30	AAH68	ACK of 06-11-93 08:39:15	8.1
06-11-93	08:39:51	AAH68	NORMAL of 06-11-93 08:39:15	8
06-11-93	08:40:00	* AAH68	HIGH THC, 8.00 PPM	
06-11-93	08:40:03	AAH68	ACK of 06-11-93 08:40:00	8
06-11-93	08:40:42	AAH68	NORMAL of 06-11-93 08:40:00	7.9
06-11-93	08:40:45	* AAH68	HIGH THC, 8.10 PPM	
06-11-93	08:40:47	AAH68	ACK of 06-11-93 08:40:45	8.1
06-11-93	08:40:57	AAH68	NORMAL of 06-11-93 08:40:45	8
06-11-93	08:41:00	* AAH68	HIGH THC, 8.00 PPM	
06-11-93	08:41:09	* AAH68	NORMAL of 06-11-93 08:41:00	7.8
06-11-93	08:41:09	* AAH68	ACK of 06-11-93 08:41:00	7.8
06-11-93	08:42:06	* AAH68	HIGH THC, 7.90 PPM	
06-11-93	08:42:09	* AAH68	NORMAL of 06-11-93 08:42:06	7.9
06-11-93	08:42:10	* AAH68	ACK of 06-11-93 08:42:06	7.9
06-11-93	08:43:06	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-11-93	08:43:10	FAL87	ACK of 06-11-93 08:43:06	0
06-11-93	08:43:15	* FALL87	LOW LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-11-93	08:43:18	FALL87	ACK of 06-11-93 08:43:15	0
06-11-93	08:43:45	* AAH68	HIGH THC, 7.70 PPM	
06-11-93	08:43:48	* AAH68	NORMAL of 06-11-93 08:43:45	7.9
06-11-93	08:43:49	* AAH68	ACK of 06-11-93 08:43:45	7.9
06-11-93	08:44:18	FALL87	NORMAL of 06-11-93 08:43:15	0
06-11-93	08:44:24	FAL87	NORMAL of 06-11-93 08:43:06	496
06-11-93	08:45:33	* AAH68	HIGH THC, 7.80 PPM	
06-11-93	08:45:36	* AAH68	NORMAL of 06-11-93 08:45:33	7.8
06-11-93	08:45:46	* AAH68	ACK of 06-11-93 08:45:33	7.8
06-11-93	08:47:15	* AAH68	HIGH THC, 8.00 PPM	
06-11-93	08:47:17	AAH68	ACK of 06-11-93 08:47:15	8
06-11-93	08:47:42	AAH68	NORMAL of 06-11-93 08:47:15	8
06-11-93	08:47:51	* AAH68	HIGH THC, 8.00 PPM	
06-11-93	08:47:56	AAH68	ACK of 06-11-93 08:47:51	8
06-11-93	08:48:24	AAH68	NORMAL of 06-11-93 08:47:51	8
06-11-93	08:48:27	* AAH68	HIGH THC, 8.00 PPM	
06-11-93	08:48:36	AAH68	ACK of 06-11-93 08:48:27	8
06-11-93	08:48:39	AAH68	NORMAL of 06-11-93 08:48:27	7.9
06-11-93	08:49:48	* AAH68	HIGH THC, 7.90 PPM	
06-11-93	08:49:51	* AAH68	NORMAL of 06-11-93 08:49:48	7.9
06-11-93	08:50:12	* AAH68	HIGH THC, 8.50 PPM	
06-11-93	08:50:14	AAH68	ACK of 06-11-93 08:50:12	8.5
06-11-93	08:50:14	* AAH68	ACK of 06-11-93 08:49:48	8.5
06-11-93	08:50:45	AAH68	NORMAL of 06-11-93 08:50:12	7.9
06-11-93	08:50:51	* AAH68	HIGH THC, 7.90 PPM	
06-11-93	08:50:54	* AAH68	NORMAL of 06-11-93 08:50:51	7.9
06-11-93	08:50:56	* AAH68	ACK of 06-11-93 08:50:51	7.9
06-11-93	08:51:00	* AAH68	HIGH THC, 8.10 PPM	
06-11-93	08:51:06	* AAH68	NORMAL of 06-11-93 08:51:00	7.9
06-11-93	08:51:45	* AAH68	HIGH THC, 7.90 PPM	
06-11-93	08:51:51	* AAH68	NORMAL of 06-11-93 08:51:45	7.9

06-11-93	08:52:03	* AAH68	HIGH THC, 7.90 PPM	
06-11-93	08:52:06	AAH68	ACK of 06-11-93 08:52:03	8.1
06-11-93	08:52:06	* AAH68	ACK of 06-11-93 08:51:45	8.1
06-11-93	08:52:06	* AAH68	ACK of 06-11-93 08:51:00	8.1
06-11-93	08:52:12	AAH68	NORMAL of 06-11-93 08:52:03	8
06-11-93	08:52:15	* AAH68	HIGH THC, 8.00 PPM	
06-11-93	08:52:18	* AAH68	NORMAL of 06-11-93 08:52:15	7.9
06-11-93	08:52:27	* AAH68	ACK of 06-11-93 08:52:15	8
06-11-93	08:52:30	* AAH68	HIGH THC, 8.00 PPM	
06-11-93	08:52:36	* AAH68	NORMAL of 06-11-93 08:52:30	7.8
06-11-93	08:52:44	* AAH68	ACK of 06-11-93 08:52:30	7.9
06-11-93	08:52:54	* AAH68	HIGH THC, 8.00 PPM	
06-11-93	08:52:57	* AAH68	NORMAL of 06-11-93 08:52:54	8
06-11-93	08:54:03	* AAH68	ACK of 06-11-93 08:52:54	7.8
06-11-93	08:55:39	* AAH68	HIGH THC, 10.00 PPM	
06-11-93	08:55:46	AAH68	ACK of 06-11-93 08:55:39	10
06-11-93	08:56:15	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 2 GPM	
06-11-93	08:56:17	FAL87	ACK of 06-11-93 08:56:15	500
06-11-93	08:56:21	FAL87	NORMAL of 06-11-93 08:56:15	500
06-11-93	09:10:12	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 25 GPM	
06-11-93	09:10:21	* FAL87	NORMAL of 06-11-93 09:10:12	492
06-11-93	09:12:15	* FAL87	ACK of 06-11-93 09:10:12	486
06-11-93	09:17:18	* DEV_BAT	LOW BATTERY - DEVELOPMENT PLC	
06-11-93	09:17:18	* DEV_OFF	DEVELOPMENT PLC OFFLINE	
06-11-93	09:17:19	* DEV_D1_F	DEVELOPMENT PLC - I/O DROP #1 FAILURE	
06-11-93	09:17:26	DEV_D1_F	ACK of 06-11-93 09:17:19	
06-11-93	09:17:26	DEV_OFF	ACK of 06-11-93 09:17:18	
06-11-93	09:17:26	DEV_BAT	ACK of 06-11-93 09:17:18	
06-11-93	09:17:36	DEV_BAT	NORMAL of 06-11-93 09:17:18	
06-11-93	09:17:36	DEV_OFF	NORMAL of 06-11-93 09:17:18	
06-11-93	09:17:36	DEV_D1_F	NORMAL of 06-11-93 09:17:19	
06-11-93	09:23:42	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-11-93	09:23:51	* FALL87	LOW LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-11-93	09:24:03	FALL87	ACK of 06-11-93 09:23:51	0
06-11-93	09:24:03	FAL87	ACK of 06-11-93 09:23:42	0
06-11-93	09:24:36	FAL87	NORMAL of 06-11-93 09:23:42	461
06-11-93	09:24:36	FALL87	NORMAL of 06-11-93 09:23:51	461
06-11-93	09:25:03	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 171 GPM	
06-11-93	09:25:08	FAL87	ACK of 06-11-93 09:25:03	500
06-11-93	09:25:12	FAL87	NORMAL of 06-11-93 09:25:03	500
06-11-93	09:37:15	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 251 GPM	
06-11-93	09:37:17	FAL87	ACK of 06-11-93 09:37:15	251
06-11-93	09:37:24	FAL87	NORMAL of 06-11-93 09:37:15	0
06-11-93	09:43:21	* FAD48	DEV FLOW SCRUBBER MAKEUP, FLOW= 30.1 GPM	
06-11-93	09:43:36	* DEV_OFF	DEVELOPMENT PLC OFFLINE	
06-11-93	09:43:44	DEV_OFF	ACK of 06-11-93 09:43:36	
06-11-93	09:43:44	FAD48	ACK of 06-11-93 09:43:21	27.66
06-11-93	09:43:48	DEV_OFF	NORMAL of 06-11-93 09:43:36	
06-11-93	09:44:09	FAD48	NORMAL of 06-11-93 09:43:21	25.41
06-11-93	09:48:40	* DEV_BAT	LOW BATTERY - DEVELOPMENT PLC	
06-11-93	09:48:40	* DEV_OFF	DEVELOPMENT PLC OFFLINE	
06-11-93	09:48:40	* DEV_D1_F	DEVELOPMENT PLC - I/O DROP #1 FAILURE	
06-11-93	09:48:42	DEV_D1_F	ACK of 06-11-93 09:48:40	
06-11-93	09:48:42	DEV_OFF	ACK of 06-11-93 09:48:40	
06-11-93	09:48:42	DEV_BAT	ACK of 06-11-93 09:48:40	
06-11-93	09:48:57	DEV_BAT	NORMAL of 06-11-93 09:48:40	
06-11-93	09:48:57	DEV_OFF	NORMAL of 06-11-93 09:48:40	
06-11-93	09:48:57	DEV_D1_F	NORMAL of 06-11-93 09:48:40	
06-11-93	09:50:42	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-11-93	09:50:51	* FALL87	LOW LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	

06-11-93	09:50:51	FALL87	ACK of 06-11-93 09:50:51	0
06-11-93	09:50:51	FAL87	ACK of 06-11-93 09:50:42	0
06-11-93	09:51:24	FALL87	NORMAL of 06-11-93 09:50:51	0
06-11-93	09:51:33	FAL87	NORMAL of 06-11-93 09:50:42	479
06-11-93	09:52:37	* DEV_BAT	LOW BATTERY - DEVELOPMENT PLC	
06-11-93	09:52:38	* DEV_OFF	DEVELOPMENT PLC OFFLINE	
06-11-93	09:52:38	* DEV_D1_F	DEVELOPMENT PLC - I/O DROP #1 FAILURE	
06-11-93	09:52:42	DEV_D1_F	ACK of 06-11-93 09:52:38	
06-11-93	09:52:42	DEV_OFF	ACK of 06-11-93 09:52:38	
06-11-93	09:52:42	DEV_BAT	ACK of 06-11-93 09:52:37	
06-11-93	09:52:56	DEV_BAT	NORMAL of 06-11-93 09:52:37	
06-11-93	09:52:56	DEV_OFF	NORMAL of 06-11-93 09:52:38	
06-11-93	09:52:56	DEV_D1_F	NORMAL of 06-11-93 09:52:38	
06-11-93	10:04:15	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 38 GPM	
06-11-93	10:04:24	* FAL87	NORMAL of 06-11-93 10:04:15	459
06-11-93	10:04:28	* FAL87	ACK of 06-11-93 10:04:15	416
06-11-93	10:06:18	* FAD48	DEV FLOW SCRUBBER MAKEUP, FLOW= 32.6 GPM	
06-11-93	10:06:56	FAD48	ACK of 06-11-93 10:06:18	28.2
06-11-93	10:09:00	FAD48	NORMAL of 06-11-93 10:06:18	9.7
06-11-93	10:11:03	LAH406	NORMAL of 06-10-93 23:34:24	
06-11-93	10:17:51	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 359 GPM	
06-11-93	10:17:54	FAL87	ACK of 06-11-93 10:17:51	359
06-11-93	10:18:00	* FALL87	LOW LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-11-93	10:18:34	FALL87	ACK of 06-11-93 10:18:00	0
06-11-93	10:18:36	FAL87	NORMAL of 06-11-93 10:17:51	0
06-11-93	10:18:36	FALL87	NORMAL of 06-11-93 10:18:00	0
06-11-93	10:18:57	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 399 GPM	
06-11-93	10:19:03	* FAL87	NORMAL of 06-11-93 10:18:57	449
06-11-93	10:21:39	* FAL87	ACK of 06-11-93 10:18:57	427
06-11-93	10:26:56	* DEV_OFF	DEVELOPMENT PLC OFFLINE	
06-11-93	10:26:58	DEV_OFF	ACK of 06-11-93 10:26:56	
06-11-93	10:27:10	DEV_OFF	NORMAL of 06-11-93 10:26:56	
06-11-93	10:31:21	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 121 GPM	
06-11-93	10:31:27	* FAL87	NORMAL of 06-11-93 10:31:21	500
06-11-93	10:32:00	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.3 PH	
06-11-93	10:32:21	AAL56	ACK of 06-11-93 10:32:00	5.24
06-11-93	10:32:21	* FAL87	ACK of 06-11-93 10:31:21	413
06-11-93	10:32:27	AAL56	NORMAL of 06-11-93 10:32:00	5.24
06-11-93	10:40:36	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-11-93	10:40:39	* TAH46	NORMAL of 06-11-93 10:40:36	0
06-11-93	10:40:48	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-11-93	10:41:00	* TAH46	NORMAL of 06-11-93 10:40:48	0
06-11-93	10:41:27	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-11-93	10:41:33	* TAH46	NORMAL of 06-11-93 10:41:27	0
06-11-93	10:41:45	* LAL105	LO LEV DAY TANK 105, LEV= 1906 GAL	
06-11-93	10:41:51	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 187 LB/MIN	
06-11-93	10:41:57	* FAH04A	NORMAL of 06-11-93 10:41:51	184
06-11-93	10:41:57	* FAH04A	ACK of 06-11-93 10:41:51	184
06-11-93	10:41:57	LAL105	ACK of 06-11-93 10:41:45	1913
06-11-93	10:41:57	* TAH46	ACK of 06-11-93 10:41:27	0
06-11-93	10:41:58	* TAH46	ACK of 06-11-93 10:40:48	0
06-11-93	10:41:58	* TAH46	ACK of 06-11-93 10:40:36	0
06-11-93	10:42:00	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 186 LB/MIN	
06-11-93	10:42:06	* FAH04A	NORMAL of 06-11-93 10:42:00	185
06-11-93	10:42:16	* FAH04A	ACK of 06-11-93 10:42:00	184
06-11-93	10:42:39	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-11-93	10:42:39	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-11-93	10:42:42	* FAH04A	NORMAL of 06-11-93 10:42:39	180
06-11-93	10:42:42	* TAH46	NORMAL of 06-11-93 10:42:39	0
06-11-93	10:42:46	* TAH46	ACK of 06-11-93 10:42:39	0

06-11-93	10:42:47	* FAH04A	ACK	of 06-11-93 10:42:39	180
06-11-93	10:42:57	* TAH46	QUENCH	SEPERATOR HIGH TEMP,	0 DEG F
06-11-93	10:43:03	* TAH46	NORMAL	of 06-11-93 10:42:57	0
06-11-93	10:43:03	* TAH46	ACK	of 06-11-93 10:42:57	0
06-11-93	10:43:09	* TAH46	QUENCH	SEPERATOR HIGH TEMP,	0 DEG F
06-11-93	10:43:15	* TAH46	NORMAL	of 06-11-93 10:43:09	0
06-11-93	10:43:27	* TAH46	QUENCH	SEPERATOR HIGH TEMP,	0 DEG F
06-11-93	10:43:30	* TAH46	NORMAL	of 06-11-93 10:43:27	0
06-11-93	10:43:46	* TAH46	ACK	of 06-11-93 10:43:27	0
06-11-93	10:43:46	* TAH46	ACK	of 06-11-93 10:43:09	0
06-11-93	10:45:09	* TAH46	QUENCH	SEPERATOR HIGH TEMP,	0 DEG F
06-11-93	10:45:12	* TAH46	NORMAL	of 06-11-93 10:45:09	0
06-11-93	10:45:21	* TAH46	QUENCH	SEPERATOR HIGH TEMP,	0 DEG F
06-11-93	10:45:29	TAH46	ACK	of 06-11-93 10:45:21	0
06-11-93	10:45:29	* TAH46	ACK	of 06-11-93 10:45:09	0
06-11-93	10:45:30	TAH46	NORMAL	of 06-11-93 10:45:21	0
06-11-93	10:45:33	* TAH46	QUENCH	SEPERATOR HIGH TEMP,	0 DEG F
06-11-93	10:45:45	* TAH46	NORMAL	of 06-11-93 10:45:33	0
06-11-93	10:45:47	* TAH46	ACK	of 06-11-93 10:45:33	0
06-11-93	10:45:51	* TAH46	QUENCH	SEPERATOR HIGH TEMP,	0 DEG F
06-11-93	10:45:54	* TAH46	NORMAL	of 06-11-93 10:45:51	0
06-11-93	10:46:00	* TAH46	QUENCH	SEPERATOR HIGH TEMP,	0 DEG F
06-11-93	10:46:06	* TAH46	NORMAL	of 06-11-93 10:46:00	0
06-11-93	10:46:13	* TAH46	ACK	of 06-11-93 10:46:00	0
06-11-93	10:46:13	* TAH46	ACK	of 06-11-93 10:45:51	0
06-11-93	10:46:20	* DEV_OFF	DEVELOPMENT PLC OFFLINE		
06-11-93	10:46:24	DEV_OFF	ACK	of 06-11-93 10:46:20	
06-11-93	10:46:27	* FAL87	LOW FLOW QUENCH RECIRC, FLOW=	246 GPM	
06-11-93	10:46:30	* TAH46	QUENCH	SEPERATOR HIGH TEMP,	0 DEG F
06-11-93	10:46:32	TAH46	ACK	of 06-11-93 10:46:30	0
06-11-93	10:46:32	FAL87	ACK	of 06-11-93 10:46:27	246
06-11-93	10:46:36	* FALL87	LOW LOW FLOW QUENCH RECIRC, FLOW=	0 GPM	
06-11-93	10:46:36	TAH46	NORMAL	of 06-11-93 10:46:30	0
06-11-93	10:46:39	* TAH46	QUENCH	SEPERATOR HIGH TEMP,	0 DEG F
06-11-93	10:46:42	DEV_OFF	NORMAL	of 06-11-93 10:46:20	
06-11-93	10:46:45	* TAH46	NORMAL	of 06-11-93 10:46:39	0
06-11-93	10:46:45	* TAH46	ACK	of 06-11-93 10:46:39	0
06-11-93	10:46:45	FALL87	ACK	of 06-11-93 10:46:36	0
06-11-93	10:46:51	* TAH46	QUENCH	SEPERATOR HIGH TEMP,	0 DEG F
06-11-93	10:46:54	FALL87	NORMAL	of 06-11-93 10:46:36	403
06-11-93	10:46:54	* TAH46	NORMAL	of 06-11-93 10:46:51	0
06-11-93	10:46:57	FAL87	NORMAL	of 06-11-93 10:46:27	403
06-11-93	10:46:57	* TAH46	QUENCH	SEPERATOR HIGH TEMP,	0 DEG F
06-11-93	10:47:00	* TAH46	NORMAL	of 06-11-93 10:46:57	0
06-11-93	10:47:01	* TAH46	ACK	of 06-11-93 10:46:57	0
06-11-93	10:47:02	* TAH46	ACK	of 06-11-93 10:46:51	0
06-11-93	10:47:09	* TAH46	QUENCH	SEPERATOR HIGH TEMP,	0 DEG F
06-11-93	10:47:12	* FAL87	LOW FLOW QUENCH RECIRC, FLOW=	38 GPM	
06-11-93	10:47:12	* TAH46	NORMAL	of 06-11-93 10:47:09	0
06-11-93	10:47:18	* FAL87	NORMAL	of 06-11-93 10:47:12	337
06-11-93	10:47:30	* FAL87	ACK	of 06-11-93 10:47:12	418
06-11-93	10:47:30	* TAH46	ACK	of 06-11-93 10:47:09	0
06-11-93	10:48:06	* TAH46	QUENCH	SEPERATOR HIGH TEMP,	0 DEG F
06-11-93	10:48:09	* TAH46	NORMAL	of 06-11-93 10:48:06	0
06-11-93	10:48:33	* TAH46	ACK	of 06-11-93 10:48:06	0
06-11-93	10:48:39	* TAH46	QUENCH	SEPERATOR HIGH TEMP,	0 DEG F
06-11-93	10:48:42	* TAH46	NORMAL	of 06-11-93 10:48:39	0
06-11-93	10:48:47	* TAH46	ACK	of 06-11-93 10:48:39	0
06-11-93	10:49:03	* TAH46	QUENCH	SEPERATOR HIGH TEMP,	0 DEG F
06-11-93	10:49:06	* TAH46	NORMAL	of 06-11-93 10:49:03	0

06-11-93	10:49:08	* TAH46	ACK of 06-11-93 10:49:03	0
06-11-93	10:49:09	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-11-93	10:49:13	TAH46	ACK of 06-11-93 10:49:09	0
06-11-93	10:49:18	LAHH106	NORMAL of 06-11-93 01:03:24	10806
06-11-93	10:49:18	TAH46	NORMAL of 06-11-93 10:49:09	0
06-11-93	10:49:24	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-11-93	10:49:27	* TAH46	NORMAL of 06-11-93 10:49:24	0
06-11-93	10:49:33	* TAH46	ACK of 06-11-93 10:49:24	0
06-11-93	10:49:48	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-11-93	10:49:51	* TAH46	NORMAL of 06-11-93 10:49:48	0
06-11-93	10:49:54	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-11-93	10:50:06	* TAH46	NORMAL of 06-11-93 10:49:54	0
06-11-93	10:50:12	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-11-93	10:50:39	TAH46	ACK of 06-11-93 10:50:12	0
06-11-93	10:50:40	* TAH46	ACK of 06-11-93 10:49:54	0
06-11-93	10:50:40	* TAH46	ACK of 06-11-93 10:49:48	0
06-11-93	10:50:45	TAH46	NORMAL of 06-11-93 10:50:12	0
06-11-93	10:50:54	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-11-93	10:51:06	* AAH70	HIGH CO, 103.00 PPM	
06-11-93	10:51:09	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	183 LB/MIN
06-11-93	10:51:09	* AAH70	NORMAL of 06-11-93 10:51:06	103
06-11-93	10:51:11	FAH04A	ACK of 06-11-93 10:51:09	183
06-11-93	10:51:12	* AAH70	ACK of 06-11-93 10:51:06	72
06-11-93	10:51:12	TAH46	ACK of 06-11-93 10:50:54	0
06-11-93	10:51:12	FAH04A	NORMAL of 06-11-93 10:51:09	180
06-11-93	10:55:15	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	185 LB/MIN
06-11-93	10:55:17	FAH04A	ACK of 06-11-93 10:55:15	185
06-11-93	10:55:18	FAH04A	NORMAL of 06-11-93 10:55:15	185
06-11-93	10:55:36	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	183 LB/MIN
06-11-93	10:55:39	* FAH04A	NORMAL of 06-11-93 10:55:36	183
06-11-93	10:55:46	* FAH04A	ACK of 06-11-93 10:55:36	181
06-11-93	10:56:24	* SV104B_F	COV104B FAULT	
06-11-93	10:56:30	* SV104B_F	NORMAL of 06-11-93 10:56:24	
06-11-93	10:57:00	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	184 LB/MIN
06-11-93	10:57:12	FAH04A	ACK of 06-11-93 10:57:00	181
06-11-93	10:57:13	* SV104B_F	ACK of 06-11-93 10:56:24	
06-11-93	10:57:21	FAH04A	NORMAL of 06-11-93 10:57:00	183
06-11-93	11:01:24	* FAL87	LOW FLOW QUENCH RECIRC, FLOW=	0 GPM
06-11-93	11:01:26	FAL87	ACK of 06-11-93 11:01:24	0
06-11-93	11:01:36	* FALL87	LOW LOW FLOW QUENCH RECIRC, FLOW=	0 GPM
06-11-93	11:01:39	FALL87	ACK of 06-11-93 11:01:36	0
06-11-93	11:02:48	XFER2_C	NORMAL of 06-11-93 01:03:33	
06-11-93	11:05:03	LAL105	NORMAL of 06-11-93 10:41:45	1997
06-11-93	11:05:27	* LAH404	HI LEVEL DAY TANK SUMP TANK	404
06-11-93	11:06:06	LAH404	ACK of 06-11-93 11:05:27	
06-11-93	11:11:42	FAL87	NORMAL of 06-11-93 11:01:24	405
06-11-93	11:11:42	FALL87	NORMAL of 06-11-93 11:01:36	405
06-11-93	11:11:48	* PAL38	LOW PRESSURE SOFTENED H2O	
06-11-93	11:11:54	* PAL38	NORMAL of 06-11-93 11:11:48	
06-11-93	11:11:56	* PAL38	ACK of 06-11-93 11:11:48	
06-11-93	11:15:03	* FAL87	LOW FLOW QUENCH RECIRC, FLOW=	40 GPM
06-11-93	11:15:05	FAL87	ACK of 06-11-93 11:15:03	40
06-11-93	11:15:12	FAL87	NORMAL of 06-11-93 11:15:03	40
06-11-93	11:28:30	* FAL87	LOW FLOW QUENCH RECIRC, FLOW=	301 GPM
06-11-93	11:28:33	FAL87	ACK of 06-11-93 11:28:30	0
06-11-93	11:28:36	FAD15A	NORMAL of 06-11-93 05:05:42	87
06-11-93	11:28:42	* FALL87	LOW LOW FLOW QUENCH RECIRC, FLOW=	0 GPM
06-11-93	11:29:08	FALL87	ACK of 06-11-93 11:28:42	0
06-11-93	11:29:33	FALL87	NORMAL of 06-11-93 11:28:42	0
06-11-93	11:29:42	FAL87	NORMAL of 06-11-93 11:28:30	500

06-11-93 11:30:06	* FAL87	LOW FLOW QUENCH RECIRC, FLOW=	0 GPM
06-11-93 11:30:08	FAL87	ACK of 06-11-93 11:30:06	500
06-11-93 11:30:12	FAL87	NORMAL of 06-11-93 11:30:06	500
06-11-93 11:31:36	* FAD15A	DEV ALARM AIR INJECTOR A, FLOW=	80 SCFM
06-11-93 11:31:38	FAD15A	ACK of 06-11-93 11:31:36	80
06-11-93 11:32:12	* AAH70	HIGH CO, 98.60 PPM	
06-11-93 11:32:15	* AAH70	NORMAL of 06-11-93 11:32:12	98.6
06-11-93 11:32:15	* AAH70	ACK of 06-11-93 11:32:12	98.6
06-11-93 11:32:36	* AAH70	HIGH CO, 106.80 PPM	
06-11-93 11:32:38	AAH70	ACK of 06-11-93 11:32:36	106.8
06-11-93 11:32:48	AAH70	NORMAL of 06-11-93 11:32:36	82.1
06-11-93 11:35:15	* AAH70	HIGH CO, 113.80 PPM	
06-11-93 11:35:27	* AAH70	NORMAL of 06-11-93 11:35:15	90.4
06-11-93 11:35:46	* AAH70	ACK of 06-11-93 11:35:15	59.7
06-11-93 11:42:09	* FAL87	LOW FLOW QUENCH RECIRC, FLOW=	3 GPM
06-11-93 11:42:14	FAL87	ACK of 06-11-93 11:42:09	500
06-11-93 11:42:18	FAL87	NORMAL of 06-11-93 11:42:09	500
06-11-93 11:46:15	* AAH70	HIGH CO, 122.50 PPM	
06-11-93 11:46:27	* AAH70	NORMAL of 06-11-93 11:46:15	69.2
06-11-93 11:47:00	* AAH70	ACK of 06-11-93 11:46:15	60.6
06-11-93 11:51:43	* DEV_BAT	LOW BATTERY - DEVELOPMENT PLC	
06-11-93 11:51:44	* DEV_OFF	DEVELOPMENT PLC OFFLINE	
06-11-93 11:51:44	* DEV_D1_F	DEVELOPMENT PLC - I/O DROP #1 FAILURE	
06-11-93 11:51:46	DEV_D1_F	ACK of 06-11-93 11:51:44	
06-11-93 11:51:46	DEV_OFF	ACK of 06-11-93 11:51:44	
06-11-93 11:51:47	DEV_BAT	ACK of 06-11-93 11:51:43	
06-11-93 11:51:56	DEV_BAT	NORMAL of 06-11-93 11:51:43	
06-11-93 11:51:56	DEV_OFF	NORMAL of 06-11-93 11:51:44	
06-11-93 11:51:56	DEV_D1_F	NORMAL of 06-11-93 11:51:44	
06-11-93 11:53:54	* P_THC_F	CEM (PRI) - THC ANALYZER FLAME OUT	
06-11-93 11:53:59	P_THC_F	ACK of 06-11-93 11:53:54	
06-11-93 11:54:45	LAH106	NORMAL of 06-11-93 00:30:48	9588
06-11-93 11:54:48	* LAH106	HIGH LEVEL DAY TANK 106, LEV=	9581 GAL
06-11-93 11:54:51	* LAH106	NORMAL of 06-11-93 11:54:48	9581
06-11-93 11:54:54	* LAH106	ACK of 06-11-93 11:54:48	9588
06-11-93 11:55:30	* FAL87	LOW FLOW QUENCH RECIRC, FLOW=	6 GPM
06-11-93 11:55:39	* FALL87	LOW LOW FLOW QUENCH RECIRC, FLOW=	0 GPM
06-11-93 11:55:39	FALL87	ACK of 06-11-93 11:55:39	0
06-11-93 11:55:39	FAL87	ACK of 06-11-93 11:55:30	0
06-11-93 11:56:12	FAL87	NORMAL of 06-11-93 11:55:30	500
06-11-93 11:56:12	FALL87	NORMAL of 06-11-93 11:55:39	500
06-11-93 11:56:30	* DEV_OFF	DEVELOPMENT PLC OFFLINE	
06-11-93 11:56:44	DEV_OFF	ACK of 06-11-93 11:56:30	
06-11-93 11:56:46	DEV_OFF	NORMAL of 06-11-93 11:56:30	
06-11-93 12:00:24	* AAH70	HIGH CO, 109.60 PPM	
06-11-93 12:00:33	* AAH70	NORMAL of 06-11-93 12:00:24	92
06-11-93 12:00:48	* AAH70	HIGH CO, 105.30 PPM	
06-11-93 12:01:00	* AAH70	NORMAL of 06-11-93 12:00:48	95.2
06-11-93 12:01:13	* AAH70	ACK of 06-11-93 12:00:48	81.3
06-11-93 12:01:13	* AAH70	ACK of 06-11-93 12:00:24	81.3
06-11-93 12:06:45	* FAD15B	DEV ALARM AIR INJECTOR B, FLOW=	87 SCFM
06-11-93 12:06:48	FAD15B	ACK of 06-11-93 12:06:45	88
06-11-93 12:11:30	FAD15B	NORMAL of 06-11-93 12:06:45	89
06-11-93 12:19:39	* AAH70	HIGH CO, 102.30 PPM	
06-11-93 12:19:45	* AAH70	NORMAL of 06-11-93 12:19:39	88.7
06-11-93 12:20:18	* AAH70	ACK of 06-11-93 12:19:39	96.5
06-11-93 12:27:36	* DEV_OFF	DEVELOPMENT PLC OFFLINE	
06-11-93 12:27:46	DEV_OFF	ACK of 06-11-93 12:27:36	
06-11-93 12:27:47	DEV_OFF	NORMAL of 06-11-93 12:27:36	
06-11-93 12:32:21	* AAH70	HIGH CO, 113.40 PPM	

06-11-93	12:32:26	AAH70	ACK of 06-11-93 12:32:21	99.3
06-11-93	12:32:33	AAH70	NORMAL of 06-11-93 12:32:21	96.2
06-11-93	12:32:57	* AAH70	HIGH CO, 124.00 PPM	
06-11-93	12:33:04	AAH70	ACK of 06-11-93 12:32:57	97.2
06-11-93	12:33:09	AAH70	NORMAL of 06-11-93 12:32:57	97.2
06-11-93	12:36:12	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 68 GPM	
06-11-93	12:36:15	FAL87	ACK of 06-11-93 12:36:12	0
06-11-93	12:36:21	FAL87	NORMAL of 06-11-93 12:36:12	500
06-11-93	12:38:33	* AAH70	HIGH CO, 95.10 PPM	
06-11-93	12:38:35	AAH70	ACK of 06-11-93 12:38:33	151.5
06-11-93	12:38:51	AAH70	NORMAL of 06-11-93 12:38:33	96.4
06-11-93	12:40:21	LAH404	NORMAL of 06-11-93 11:05:27	
06-11-93	12:43:54	P_THC_F	NORMAL of 06-11-93 11:53:54	
06-11-93	12:47:34	* DEV_BAT	LOW BATTERY - DEVELOPMENT PLC	
06-11-93	12:47:34	* DEV_OFF	DEVELOPMENT PLC OFFLINE	
06-11-93	12:47:34	* DEV_D1_F	DEVELOPMENT PLC - I/O DROP #1 FAILURE	
06-11-93	12:47:53	* DEV_BAT	NORMAL of 06-11-93 12:47:34	
06-11-93	12:47:53	* DEV_OFF	NORMAL of 06-11-93 12:47:34	
06-11-93	12:47:53	* DEV_D1_F	NORMAL of 06-11-93 12:47:34	
06-11-93	12:47:56	* DEV_D1_F	ACK of 06-11-93 12:47:34	
06-11-93	12:47:56	* DEV_OFF	ACK of 06-11-93 12:47:34	
06-11-93	12:47:56	* DEV_BAT	ACK of 06-11-93 12:47:34	
06-11-93	12:49:27	* AAH70	HIGH CO, 107.20 PPM	
06-11-93	12:49:42	* AAH70	NORMAL of 06-11-93 12:49:27	94
06-11-93	12:49:42	* AAH70	ACK of 06-11-93 12:49:27	94
06-11-93	12:56:36	* AAH70	HIGH CO, 122.50 PPM	
06-11-93	12:56:38	AAH70	ACK of 06-11-93 12:56:36	122.5
06-11-93	12:57:06	AAH70	NORMAL of 06-11-93 12:56:36	64.7
06-11-93	13:04:06	* AAH70	HIGH CO, 98.00 PPM	
06-11-93	13:04:12	* AAH70	NORMAL of 06-11-93 13:04:06	68.2
06-11-93	13:04:27	* AAH70	ACK of 06-11-93 13:04:06	71.2
06-11-93	13:04:51	* AAH70	HIGH CO, 124.40 PPM	
06-11-93	13:04:56	AAH70	ACK of 06-11-93 13:04:51	116.2
06-11-93	13:05:00	AAH70	NORMAL of 06-11-93 13:04:51	83.1
06-11-93	13:05:54	* AAH70	HIGH CO, 107.40 PPM	
06-11-93	13:06:28	AAH70	ACK of 06-11-93 13:05:54	132
06-11-93	13:07:00	AAH70	NORMAL of 06-11-93 13:05:54	91.9
06-11-93	13:07:09	* AAH70	HIGH CO, 132.30 PPM	
06-11-93	13:07:32	AAH70	ACK of 06-11-93 13:07:09	109.4
06-11-93	13:07:39	AAH70	NORMAL of 06-11-93 13:07:09	83.3
06-11-93	13:07:57	* AAH70	HIGH CO, 126.30 PPM	
06-11-93	13:08:01	AAH70	ACK of 06-11-93 13:07:57	126.3
06-11-93	13:08:09	AAH70	NORMAL of 06-11-93 13:07:57	101.2
06-11-93	13:08:30	* AAH70	HIGH CO, 125.30 PPM	
06-11-93	13:08:42	AAH70	ACK of 06-11-93 13:08:30	137.4
06-11-93	13:14:12	AAH70	NORMAL of 06-11-93 13:08:30	74.9
06-11-93	13:23:48	* AAH70	HIGH CO, 118.60 PPM	
06-11-93	13:23:51	AAH70	ACK of 06-11-93 13:23:48	153.4
06-11-93	13:24:09	* P_THC_F	CEM (PRI) - THC ANALYZER FLAME OUT	
06-11-93	13:24:24	P_THC_F	ACK of 06-11-93 13:24:09	
06-11-93	13:24:33	AAH70	NORMAL of 06-11-93 13:23:48	91.3
06-11-93	13:24:39	* AAH70	HIGH CO, 105.90 PPM	
06-11-93	13:24:41	AAH70	ACK of 06-11-93 13:24:39	105.9
06-11-93	13:25:12	AAH70	NORMAL of 06-11-93 13:24:39	90.4
06-11-93	13:25:21	* AAH70	HIGH CO, 118.00 PPM	
06-11-93	13:25:56	AAH70	ACK of 06-11-93 13:25:21	154.1
06-11-93	13:27:30	AAH70	NORMAL of 06-11-93 13:25:21	98
06-11-93	13:27:36	* AAH70	HIGH CO, 102.10 PPM	
06-11-93	13:27:37	AAH70	ACK of 06-11-93 13:27:36	102.1
06-11-93	13:27:57	AAH70	NORMAL of 06-11-93 13:27:36	100.9

Test End - 13:41pm

06-11-93 13:28:42	* AAH70	HIGH CO, 96.90 PPM	
06-11-93 13:28:51	* AAH70	NORMAL of 06-11-93 13:28:42	83.8
06-11-93 13:28:54	* AAH70	ACK of 06-11-93 13:28:42	83.8
06-11-93 13:29:54	* PAL38	LOW PRESSURE SOFTENED H2O	
06-11-93 13:30:00	* PAL38	NORMAL of 06-11-93 13:29:54	
06-11-93 13:30:09	* PAL38	ACK of 06-11-93 13:29:54	
06-11-93 13:34:03	* FAD48	DEV FLOW SCRUBBER MAKEUP, FLOW= 34.7 GPM	
06-11-93 13:34:06	FAD48	ACK of 06-11-93 13:34:03	34.74
06-11-93 13:35:39	FAD48	NORMAL of 06-11-93 13:34:03	23.97
06-11-93 13:37:57	* AAH70	HIGH CO, 111.20 PPM	
06-11-93 13:38:00	AAH70	ACK of 06-11-93 13:37:57	111.2
06-11-93 13:38:09	AAH70	NORMAL of 06-11-93 13:37:57	97.9
06-11-93 13:40:12	* AAH70	HIGH CO, 99.20 PPM	
06-11-93 13:40:18	* AAH70	NORMAL of 06-11-93 13:40:12	66.4
06-11-93 13:40:26	* AAH70	ACK of 06-11-93 13:40:12	62.5
06-11-93 13:40:30	* M103_F	M103 FAULT	
06-11-93 13:40:46	M103_F	ACK of 06-11-93 13:40:30	
06-11-93 13:41:51	* AAH70	HIGH CO, 96.40 PPM	
06-11-93 13:41:55	AAH70	ACK of 06-11-93 13:41:51	96.4
06-11-93 13:42:03	AAH70	NORMAL of 06-11-93 13:41:51	105.6
06-11-93 13:43:00	* FAD15B	DEV ALARM AIR INJECTOR B, FLOW= 86 SCFM	
06-11-93 13:43:08	FAD15B	ACK of 06-11-93 13:43:00	89
06-11-93 13:43:24	FAD15B	NORMAL of 06-11-93 13:43:00	88
06-11-93 13:43:24	* AAH70	HIGH CO, 100.00 PPM	
06-11-93 13:43:29	AAH70	ACK of 06-11-93 13:43:24	124.3
06-11-93 13:46:39	AAH70	NORMAL of 06-11-93 13:43:24	79.2
06-11-93 13:48:39	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 410 GPM	
06-11-93 13:48:40	FAL87	ACK of 06-11-93 13:48:39	0
06-11-93 13:48:51	* FALL87	LOW LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-11-93 13:48:56	FALL87	ACK of 06-11-93 13:48:51	0
06-11-93 13:49:18	FALL87	NORMAL of 06-11-93 13:48:51	0
06-11-93 13:49:27	FAL87	NORMAL of 06-11-93 13:48:39	500
06-11-93 13:53:42	TAH46	NORMAL of 06-11-93 10:50:54	0
06-11-93 13:53:45	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-11-93 13:53:54	* TAH46	NORMAL of 06-11-93 13:53:45	0
06-11-93 13:53:54	* TAH46	ACK of 06-11-93 13:53:45	0
06-11-93 13:54:00	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-11-93 13:54:24	* TAH46	NORMAL of 06-11-93 13:54:00	0
06-11-93 13:54:27	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-11-93 13:54:30	* TAH46	NORMAL of 06-11-93 13:54:27	0
06-11-93 13:54:33	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-11-93 13:54:39	* TAH46	NORMAL of 06-11-93 13:54:33	0
06-11-93 13:54:39	* TAH46	ACK of 06-11-93 13:54:33	0
06-11-93 13:54:39	* TAH46	ACK of 06-11-93 13:54:27	0
06-11-93 13:54:39	* TAH46	ACK of 06-11-93 13:54:00	0
06-11-93 13:54:42	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-11-93 13:54:51	* TAH46	NORMAL of 06-11-93 13:54:42	0
06-11-93 13:54:54	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-11-93 13:55:07	TAH46	ACK of 06-11-93 13:54:54	0
06-11-93 13:55:07	* TAH46	ACK of 06-11-93 13:54:42	0
06-11-93 13:55:09	TAH46	NORMAL of 06-11-93 13:54:54	0
06-11-93 13:55:18	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-11-93 13:55:26	TAH46	ACK of 06-11-93 13:55:18	0
06-11-93 13:55:36	TAH46	NORMAL of 06-11-93 13:55:18	0
06-11-93 13:56:00	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-11-93 13:56:02	TAH46	ACK of 06-11-93 13:56:00	0
06-11-93 13:56:03	TAH46	NORMAL of 06-11-93 13:56:00	0
06-11-93 13:56:06	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-11-93 13:56:09	* TAH46	NORMAL of 06-11-93 13:56:06	0
06-11-93 13:56:24	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	

Test End

06-11-93	13:56:27	* TAH46	NORMAL of 06-11-93 13:56:24	0
06-11-93	13:56:30	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-11-93	13:56:33	* TAH46	NORMAL of 06-11-93 13:56:30	0
06-11-93	13:56:35	* TAH46	ACK of 06-11-93 13:56:30	0
06-11-93	13:56:35	* TAH46	ACK of 06-11-93 13:56:24	0
06-11-93	13:56:35	* TAH46	ACK of 06-11-93 13:56:06	0
06-11-93	13:56:42	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-11-93	13:56:45	* TAH46	NORMAL of 06-11-93 13:56:42	0
06-11-93	13:57:26	* TAH46	ACK of 06-11-93 13:56:42	0
06-11-93	13:57:51	* FAD15B	DEV ALARM AIR INJECTOR B, FLOW=	87 SCFM
06-11-93	13:57:52	FAD15B	ACK of 06-11-93 13:57:51	88
06-11-93	13:58:06	* PDAH53	VENTURI HI DIFF PRESSURE, 90.4 IN WC	
06-11-93	13:58:09	PDAH53	ACK of 06-11-93 13:58:06	88.64
06-11-93	13:58:15	PDAH53	NORMAL of 06-11-93 13:58:06	88.64
06-11-93	13:58:30	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-11-93	13:58:30	* FAD48	DEV FLOW SCRUBBER MAKEUP, FLOW=	31.5 GPM
06-11-93	13:58:32	FAD48	ACK of 06-11-93 13:58:30	31.47
06-11-93	13:58:32	TAH46	ACK of 06-11-93 13:58:30	0
06-11-93	13:58:36	TAH46	NORMAL of 06-11-93 13:58:30	0
06-11-93	13:58:39	FAD15B	NORMAL of 06-11-93 13:57:51	88
06-11-93	13:59:00	* PAH11	HIGH NATURAL GAS PRESSURE	
06-11-93	13:59:03	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-11-93	13:59:06	* TAH46	NORMAL of 06-11-93 13:59:03	0
06-11-93	13:59:09	* TAH46	ACK of 06-11-93 13:59:03	0
06-11-93	13:59:09	PAH11	ACK of 06-11-93 13:59:00	
06-11-93	13:59:39	PAH11	NORMAL of 06-11-93 13:59:00	
06-11-93	13:59:48	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-11-93	13:59:51	* TAH46	NORMAL of 06-11-93 13:59:48	0
06-11-93	14:00:00	* PAH11	HIGH NATURAL GAS PRESSURE	
06-11-93	14:00:12	PAH11	ACK of 06-11-93 14:00:00	
06-11-93	14:00:12	* TAH46	ACK of 06-11-93 13:59:48	0
06-11-93	14:01:03	FAD48	NORMAL of 06-11-93 13:58:30	15.46
06-11-93	14:01:24	PAH11	NORMAL of 06-11-93 14:00:00	
06-11-93	14:01:51	* PAH11	HIGH NATURAL GAS PRESSURE	
06-11-93	14:01:54	PAH11	ACK of 06-11-93 14:01:51	
06-11-93	14:03:18	PAH11	NORMAL of 06-11-93 14:01:51	
06-11-93	14:03:45	* PAH11	HIGH NATURAL GAS PRESSURE	
06-11-93	14:05:15	* PAH11	NORMAL of 06-11-93 14:03:45	
06-11-93	14:05:36	* PAH11	HIGH NATURAL GAS PRESSURE	
06-11-93	14:07:24	* PAH11	NORMAL of 06-11-93 14:05:36	
06-11-93	14:07:27	* PAH11	HIGH NATURAL GAS PRESSURE	
06-11-93	14:07:30	PAH11	ACK of 06-11-93 14:07:27	
06-11-93	14:07:30	* PAH11	ACK of 06-11-93 14:05:36	
06-11-93	14:07:30	* PAH11	ACK of 06-11-93 14:03:45	
06-11-93	14:08:45	* FAD15B	DEV ALARM AIR INJECTOR B, FLOW=	86 SCFM
06-11-93	14:08:50	FAD15B	ACK of 06-11-93 14:08:45	88
06-11-93	14:08:57	FAD15B	NORMAL of 06-11-93 14:08:45	88
06-11-93	14:09:06	PAH11	NORMAL of 06-11-93 14:07:27	
06-11-93	14:09:21	* PAH11	HIGH NATURAL GAS PRESSURE	
06-11-93	14:10:09	* FAD15B	DEV ALARM AIR INJECTOR B, FLOW=	85 SCFM
06-11-93	14:10:17	FAD15B	ACK of 06-11-93 14:10:09	87
06-11-93	14:10:17	PAH11	ACK of 06-11-93 14:09:21	
06-11-93	14:10:51	PAH11	NORMAL of 06-11-93 14:09:21	
06-11-93	14:11:15	* PAH11	HIGH NATURAL GAS PRESSURE	
06-11-93	14:11:20	PAH11	ACK of 06-11-93 14:11:15	
06-11-93	14:12:45	PAH11	NORMAL of 06-11-93 14:11:15	
06-11-93	14:13:09	* PAH11	HIGH NATURAL GAS PRESSURE	
06-11-93	14:13:24	PAH11	ACK of 06-11-93 14:13:09	
06-11-93	14:13:54	* PLCA OFF	PLC A OFFLINE	
06-11-93	14:14:48	PAH11	NORMAL of 06-11-93 14:13:09	

06-11-93	14:15:00	* PAH11	HIGH NATURAL GAS PRESSURE		
06-11-93	14:15:06	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-11-93	14:15:09	* TAH46	NORMAL of 06-11-93 14:15:06		0
06-11-93	14:15:19	* TAH46	ACK of 06-11-93 14:15:06		0
06-11-93	14:15:19	PAH11	ACK of 06-11-93 14:15:00		
06-11-93	14:15:19	PLCA OFF	ACK of 06-11-93 14:13:54		
06-11-93	14:15:33	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-11-93	14:15:36	* TAH46	NORMAL of 06-11-93 14:15:33		0
06-11-93	14:15:49	* TAH46	ACK of 06-11-93 14:15:33		0
06-11-93	14:16:12	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-11-93	14:16:15	* TAH46	NORMAL of 06-11-93 14:16:12		0
06-11-93	14:16:15	* TAH46	ACK of 06-11-93 14:16:12		0
06-11-93	14:16:30	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-11-93	14:16:33	* TAH46	NORMAL of 06-11-93 14:16:30		0
06-11-93	14:16:36	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-11-93	14:16:39	* TAH46	NORMAL of 06-11-93 14:16:36		0
06-11-93	14:16:39	* TAH46	ACK of 06-11-93 14:16:36		0
06-11-93	14:16:39	* TAH46	ACK of 06-11-93 14:16:30		0
06-11-93	14:16:48	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-11-93	14:16:51	* TAH46	NORMAL of 06-11-93 14:16:48		0
06-11-93	14:17:03	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-11-93	14:17:06	* TAH46	NORMAL of 06-11-93 14:17:03		0
06-11-93	14:17:09	* FAL57	QUENCH RECYCLE LOW FLOW, FLOW=	0 GPM	
06-11-93	14:17:11	FAL57	ACK of 06-11-93 14:17:09		0
06-11-93	14:17:11	* TAH46	ACK of 06-11-93 14:17:03		0
06-11-93	14:17:11	* TAH46	ACK of 06-11-93 14:16:48		0
06-11-93	14:17:12	* PAL74A	LOW SEAL PRESSURE PUMP P202A		
06-11-93	14:17:18	FAL57	NORMAL of 06-11-93 14:17:09		88
06-11-93	14:17:24	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-11-93	14:17:27	* TAH46	NORMAL of 06-11-93 14:17:24		0
06-11-93	14:17:33	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-11-93	14:17:36	* TAH46	NORMAL of 06-11-93 14:17:33		0
06-11-93	14:17:42	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-11-93	14:17:45	* TAH46	NORMAL of 06-11-93 14:17:42		0
06-11-93	14:17:51	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-11-93	14:17:54	TAH46	ACK of 06-11-93 14:17:51		0
06-11-93	14:17:54	* TAH46	ACK of 06-11-93 14:17:42		0
06-11-93	14:17:54	* TAH46	ACK of 06-11-93 14:17:33		0
06-11-93	14:17:54	* TAH46	ACK of 06-11-93 14:17:24		0
06-11-93	14:17:54	PAL74A	ACK of 06-11-93 14:17:12		
06-11-93	14:17:57	TAH46	NORMAL of 06-11-93 14:17:51		0
06-11-93	14:18:00	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-11-93	14:18:03	* TAH46	NORMAL of 06-11-93 14:18:00		0
06-11-93	14:18:21	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-11-93	14:18:27	* TAH46	NORMAL of 06-11-93 14:18:21		0
06-11-93	14:18:30	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-11-93	14:18:33	* TAH46	NORMAL of 06-11-93 14:18:30		0
06-11-93	14:18:42	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-11-93	14:18:45	* TAH46	NORMAL of 06-11-93 14:18:42		0
06-11-93	14:18:54	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-11-93	14:18:57	* TAH46	NORMAL of 06-11-93 14:18:54		0
06-11-93	14:18:58	* TAH46	ACK of 06-11-93 14:18:54		0
06-11-93	14:18:58	* TAH46	ACK of 06-11-93 14:18:42		0
06-11-93	14:18:58	* TAH46	ACK of 06-11-93 14:18:30		0
06-11-93	14:18:59	* TAH46	ACK of 06-11-93 14:18:21		0
06-11-93	14:18:59	* TAH46	ACK of 06-11-93 14:18:00		0
06-11-93	14:19:03	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-11-93	14:19:06	* TAH46	NORMAL of 06-11-93 14:19:03		0
06-11-93	14:19:09	* PDAH53	VENTURI HI DIFF PRESSURE, 89.7 IN WC		
06-11-93	14:19:12	* PDAH53	NORMAL of 06-11-93 14:19:09		88.5

06-12-93 07:20:53	FAL87	ACK of 06-12-93 07:20:45	464
06-12-93 07:20:57	FAL87	NORMAL of 06-12-93 07:20:45	464
06-12-93 07:27:36	* AAH70	HIGH CO, 103.00 PPM	
06-12-93 07:27:41	AAH70	ACK of 06-12-93 07:27:36	81.2
06-12-93 07:27:42	AAH70	NORMAL of 06-12-93 07:27:36	81.2
06-12-93 07:28:15	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 1 GPM	
06-12-93 07:28:19	FAL87	ACK of 06-12-93 07:28:15	0
06-12-93 07:28:24	* FALL87	LOW LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-12-93 07:28:55	FALL87	ACK of 06-12-93 07:28:24	0
06-12-93 07:30:30	FAL87	NORMAL of 06-12-93 07:28:15	457
06-12-93 07:30:30	FALL87	NORMAL of 06-12-93 07:28:24	457
06-12-93 07:31:03	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 445 GPM	
06-12-93 07:31:07	FAL87	ACK of 06-12-93 07:31:03	459
06-12-93 07:31:09	FAL87	NORMAL of 06-12-93 07:31:03	442
06-12-93 07:32:18	* AAH70	HIGH CO, 101.00 PPM	
06-12-93 07:32:20	AAH70	ACK of 06-12-93 07:32:18	102
06-12-93 07:32:27	AAH70	NORMAL of 06-12-93 07:32:18	82.6
06-12-93 07:35:54	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 20 GPM	
06-12-93 07:36:02	FAL87	ACK of 06-12-93 07:35:54	457
06-12-93 07:36:03	FAL87	NORMAL of 06-12-93 07:35:54	457
06-12-93 07:40:12	* AAH70	HIGH CO, 108.00 PPM	
06-12-93 07:40:15	AAH70	ACK of 06-12-93 07:40:12	108
06-12-93 07:40:24	AAH70	NORMAL of 06-12-93 07:40:12	81.9
06-12-93 07:43:30	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-12-93 07:43:32	FAL87	ACK of 06-12-93 07:43:30	0
06-12-93 07:43:39	* FALL87	LOW LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-12-93 07:43:52	FALL87	ACK of 06-12-93 07:43:39	0
06-12-93 07:44:15	FAL87	NORMAL of 06-12-93 07:43:30	444
06-12-93 07:44:15	FALL87	NORMAL of 06-12-93 07:43:39	444
06-12-93 07:47:00	* AAH70	HIGH CO, 105.40 PPM	
06-12-93 07:47:09	* AAH71	HIGH SO2, 354.0 PPM	
06-12-93 07:47:09	* AAH70	NORMAL of 06-12-93 07:47:00	98.4
06-12-93 07:47:12	AAH71	ACK of 06-12-93 07:47:09	359.8
06-12-93 07:47:12	* AAH70	ACK of 06-12-93 07:47:00	106.3
06-12-93 07:47:15	* AAH70	HIGH CO, 106.30 PPM	
06-12-93 07:47:19	AAH70	ACK of 06-12-93 07:47:15	113.2
06-12-93 07:47:36	AAH70	NORMAL of 06-12-93 07:47:15	89.2
06-12-93 07:47:48	* AAH70	HIGH CO, 100.30 PPM	
06-12-93 07:47:54	* AAH70	NORMAL of 06-12-93 07:47:48	86.4
06-12-93 07:48:15	* AAH70	ACK of 06-12-93 07:47:48	76.1
06-12-93 07:49:30	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.3 PH	
06-12-93 07:50:50	AAL56	ACK of 06-12-93 07:49:30	5.15
06-12-93 07:51:03	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 316 GPM	
06-12-93 07:51:12	* FAL87	NORMAL of 06-12-93 07:51:03	414
06-12-93 07:52:49	* FAL87	ACK of 06-12-93 07:51:03	432
06-12-93 07:53:15	AAH71	NORMAL of 06-12-93 07:47:09	93.2
06-12-93 07:58:30	AAL56	NORMAL of 06-12-93 07:49:30	5.47
06-12-93 07:58:30	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-12-93 07:58:39	* FALL87	LOW LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-12-93 07:58:50	FALL87	ACK of 06-12-93 07:58:39	0
06-12-93 07:58:50	FAL87	ACK of 06-12-93 07:58:30	0
06-12-93 07:58:51	* AAH70	HIGH CO, 101.50 PPM	
06-12-93 07:58:54	FALL87	NORMAL of 06-12-93 07:58:39	414
06-12-93 07:58:54	* AAH70	NORMAL of 06-12-93 07:58:51	88.4
06-12-93 07:58:57	FAL87	NORMAL of 06-12-93 07:58:30	414
06-12-93 08:00:27	* AAH71	HIGH SO2, 361.8 PPM	
06-12-93 08:00:44	AAH71	ACK of 06-12-93 08:00:27	405.2
06-12-93 08:00:44	* AAH70	ACK of 06-12-93 07:58:51	88.5
06-12-93 08:01:24	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.3 PH	
06-12-93 08:01:30	* AAL56	NORMAL of 06-12-93 08:01:24	5.26

06-12-93	08:01:34	* AAL56	ACK of 06-12-93 08:01:24	5.26
06-12-93	08:01:39	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.3 PH	
06-12-93	08:01:46	AAL56	ACK of 06-12-93 08:01:39	5.24
06-12-93	08:02:03	* AAH70	HIGH CO, 102.10 PPM	
06-12-93	08:02:05	AAH70	ACK of 06-12-93 08:02:03	97.9
06-12-93	08:02:09	AAH70	NORMAL of 06-12-93 08:02:03	97.9
06-12-93	08:02:27	* AAH70	HIGH CO, 113.10 PPM	
06-12-93	08:02:36	AAH70	ACK of 06-12-93 08:02:27	107.7
06-12-93	08:02:39	AAH70	NORMAL of 06-12-93 08:02:27	91.6
06-12-93	08:03:06	AAH71	NORMAL of 06-12-93 08:00:27	373.5
06-12-93	08:03:15	* AAH70	HIGH CO, 102.50 PPM	
06-12-93	08:03:18	* AAH70	NORMAL of 06-12-93 08:03:15	91.2
06-12-93	08:03:18	* AAH70	ACK of 06-12-93 08:03:15	91.2
06-12-93	08:03:30	* AAH70	HIGH CO, 114.10 PPM	
06-12-93	08:03:32	AAH70	ACK of 06-12-93 08:03:30	114.1
06-12-93	08:03:42	AAH70	NORMAL of 06-12-93 08:03:30	95.6
06-12-93	08:03:51	* AAH70	HIGH CO, 110.90 PPM	
06-12-93	08:03:58	AAH70	ACK of 06-12-93 08:03:51	84.4
06-12-93	08:04:00	* LAL105	LO LEV DAY TANK 105, LEV= 1903 GAL	
06-12-93	08:04:00	AAH70	NORMAL of 06-12-93 08:03:51	84.4
06-12-93	08:04:09	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 188 LB/MIN	
06-12-93	08:04:15	* FAH04A	NORMAL of 06-12-93 08:04:09	180
06-12-93	08:04:21	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93	08:04:27	FAH04A	ACK of 06-12-93 08:04:21	181
06-12-93	08:04:27	* FAH04A	ACK of 06-12-93 08:04:09	181
06-12-93	08:04:28	LAL105	ACK of 06-12-93 08:04:00	1906
06-12-93	08:04:36	FAH04A	NORMAL of 06-12-93 08:04:21	173
06-12-93	08:04:36	* AAH70	HIGH CO, 115.60 PPM	
06-12-93	08:04:43	AAH70	ACK of 06-12-93 08:04:36	110.1
06-12-93	08:05:09	AAH70	NORMAL of 06-12-93 08:04:36	81
06-12-93	08:06:03	AAL56	NORMAL of 06-12-93 08:01:39	5.25
06-12-93	08:07:09	* AAH70	HIGH CO, 102.50 PPM	
06-12-93	08:07:11	AAH70	ACK of 06-12-93 08:07:09	101.5
06-12-93	08:07:18	AAH70	NORMAL of 06-12-93 08:07:09	74.1
06-12-93	08:07:39	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-12-93	08:07:48	* FAL87	NORMAL of 06-12-93 08:07:39	420
06-12-93	08:07:48	* FAL87	ACK of 06-12-93 08:07:39	420
06-12-93	08:12:15	LAHH106	NORMAL of 06-12-93 01:25:30	10796
06-12-93	08:12:27	* AAH71	HIGH SO2, 364.2 PPM	
06-12-93	08:12:39	AAH71	ACK of 06-12-93 08:12:27	388.1
06-12-93	08:13:03	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.2 PH	
06-12-93	08:13:25	AAL56	ACK of 06-12-93 08:13:03	5.22
06-12-93	08:15:00	AAH71	NORMAL of 06-12-93 08:12:27	335.9
06-12-93	08:15:18	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-12-93	08:15:27	* FALL87	LOW LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-12-93	08:15:46	FALL87	ACK of 06-12-93 08:15:27	0
06-12-93	08:15:47	FAL87	ACK of 06-12-93 08:15:18	0
06-12-93	08:16:18	FAL87	NORMAL of 06-12-93 08:15:18	449
06-12-93	08:16:18	FALL87	NORMAL of 06-12-93 08:15:27	449
06-12-93	08:16:48	* AAH70	HIGH CO, 101.10 PPM	
06-12-93	08:16:50	AAH70	ACK of 06-12-93 08:16:48	101.1
06-12-93	08:16:54	AAH70	NORMAL of 06-12-93 08:16:48	95
06-12-93	08:17:48	AAL56	NORMAL of 06-12-93 08:13:03	5.25
06-12-93	08:17:54	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.2 PH	
06-12-93	08:18:00	* AAL56	NORMAL of 06-12-93 08:17:54	5.25
06-12-93	08:18:03	* AAL56	ACK of 06-12-93 08:17:54	5.26
06-12-93	08:21:24	* FAD48	DEV FLOW SCRUBBER MAKEUP, FLOW= 33.2 GPM	
06-12-93	08:22:14	FAD48	ACK of 06-12-93 08:21:24	27.6
06-12-93	08:22:45	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 95 GPM	
06-12-93	08:22:47	FAL87	ACK of 06-12-93 08:22:45	0

06-12-93 08:22:54	FAL87	NORMAL of 06-12-93 08:22:45	431
06-12-93 08:23:24	FAD48	NORMAL of 06-12-93 08:21:24	18.57
06-12-93 08:24:18	* AAH71	HIGH SO2, 365.7 PPM	
06-12-93 08:24:21	AAH71	ACK of 06-12-93 08:24:18	365.7
06-12-93 08:24:57	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.3 PH	
06-12-93 08:25:00	* AAL56	NORMAL of 06-12-93 08:24:57	5.25
06-12-93 08:25:00	* AAL56	ACK of 06-12-93 08:24:57	5.25
06-12-93 08:25:06	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.2 PH	
06-12-93 08:25:19	AAL56	ACK of 06-12-93 08:25:06	5.23
06-12-93 08:27:36	AAH71	NORMAL of 06-12-93 08:24:18	335.9
06-12-93 08:27:45	* LAH404	HI LEVEL DAY TANK SUMP TANK 404	
06-12-93 08:27:49	LAH404	ACK of 06-12-93 08:27:45	
06-12-93 08:30:09	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 183 LB/MIN	
06-12-93 08:30:12	* FAH04A	NORMAL of 06-12-93 08:30:09	180
06-12-93 08:30:13	* FAH04A	ACK of 06-12-93 08:30:09	180
06-12-93 08:30:15	AAL56	NORMAL of 06-12-93 08:25:06	5.25
06-12-93 08:30:15	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 235 GPM	
06-12-93 08:30:27	* FALL87	LOW LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-12-93 08:30:44	FALL87	ACK of 06-12-93 08:30:27	0
06-12-93 08:30:45	FAL87	ACK of 06-12-93 08:30:15	0
06-12-93 08:30:51	FAL87	NORMAL of 06-12-93 08:30:15	449
06-12-93 08:30:51	FALL87	NORMAL of 06-12-93 08:30:27	449
06-12-93 08:36:57	* AAH71	HIGH SO2, 371.5 PPM	
06-12-93 08:37:11	AAH71	ACK of 06-12-93 08:36:57	404.7
06-12-93 08:37:36	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.2 PH	
06-12-93 08:37:54	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 29 GPM	
06-12-93 08:38:03	* FAL87	NORMAL of 06-12-93 08:37:54	444
06-12-93 08:39:01	* FAL87	ACK of 06-12-93 08:37:54	445
06-12-93 08:39:02	AAL56	ACK of 06-12-93 08:37:36	5.12
06-12-93 08:39:54	AAH71	NORMAL of 06-12-93 08:36:57	309
06-12-93 08:42:15	AAL56	NORMAL of 06-12-93 08:37:36	5.24
06-12-93 08:44:33	PAL206B	NORMAL of 06-12-93 05:11:30	
06-12-93 08:45:30	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-12-93 08:45:30	* PAL206B	LOW SEAL PRESSURE PUMP P206B	
06-12-93 08:45:39	* FALL87	LOW LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-12-93 08:45:42	FALL87	ACK of 06-12-93 08:45:39	0
06-12-93 08:45:42	PAL206B	ACK of 06-12-93 08:45:30	
06-12-93 08:45:42	FAL87	ACK of 06-12-93 08:45:30	0
06-12-93 08:46:06	FAL87	NORMAL of 06-12-93 08:45:30	437
06-12-93 08:46:06	FALL87	NORMAL of 06-12-93 08:45:39	437
06-12-93 08:46:36	* FAD48	DEV FLOW SCRUBBER MAKEUP, FLOW= 33.6 GPM	
06-12-93 08:46:38	FAD48	ACK of 06-12-93 08:46:36	33.6
06-12-93 08:46:39	* PLCA_OFF	PLC A OFFLINE	
06-12-93 08:46:41	PLCA_OFF	ACK of 06-12-93 08:46:39	
06-12-93 08:48:45	FAD48	NORMAL of 06-12-93 08:46:36	17.68
06-12-93 08:49:33	* AAH71	HIGH SO2, 350.0 PPM	
06-12-93 08:49:42	AAH71	ACK of 06-12-93 08:49:33	379.8
06-12-93 08:50:18	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.2 PH	
06-12-93 08:50:49	AAL56	ACK of 06-12-93 08:50:18	5.21
06-12-93 08:53:06	AAH71	NORMAL of 06-12-93 08:49:33	319.3
06-12-93 08:54:36	AAL56	NORMAL of 06-12-93 08:50:18	5.26
06-12-93 08:54:45	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.2 PH	
06-12-93 08:54:57	* AAL56	NORMAL of 06-12-93 08:54:45	5.26
06-12-93 08:56:15	* AAL56	ACK of 06-12-93 08:54:45	5.42
06-12-93 09:02:45	* AAH71	HIGH SO2, 361.3 PPM	
06-12-93 09:02:47	AAH71	ACK of 06-12-93 09:02:45	361.3
06-12-93 09:03:24	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.2 PH	
06-12-93 09:03:37	AAL56	ACK of 06-12-93 09:03:24	5.23
06-12-93 09:04:45	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93 09:04:47	FAH04A	ACK of 06-12-93 09:04:45	184

06-12-93	09:05:06	FAH04A	NORMAL of 06-12-93 09:04:45	181
06-12-93	09:05:27	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	09:05:30	* FAH04A	NORMAL of 06-12-93 09:05:27	182
06-12-93	09:05:33	AAH71	NORMAL of 06-12-93 09:02:45	345.7
06-12-93	09:05:45	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93	09:05:51	* FAH04A	NORMAL of 06-12-93 09:05:45	180
06-12-93	09:06:30	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 182 LB/MIN	
06-12-93	09:06:53	FAH04A	ACK of 06-12-93 09:06:30	181
06-12-93	09:06:53	* FAH04A	ACK of 06-12-93 09:05:45	181
06-12-93	09:06:53	* FAH04A	ACK of 06-12-93 09:05:27	181
06-12-93	09:07:12	FAH04A	NORMAL of 06-12-93 09:06:30	182
06-12-93	09:07:30	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	09:07:33	* FAH04A	NORMAL of 06-12-93 09:07:30	184
06-12-93	09:07:34	* FAH04A	ACK of 06-12-93 09:07:30	184
06-12-93	09:07:51	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 186 LB/MIN	
06-12-93	09:07:54	AAL56	NORMAL of 06-12-93 09:03:24	5.26
06-12-93	09:07:54	* FAH04A	NORMAL of 06-12-93 09:07:51	183
06-12-93	09:07:54	* FAH04A	ACK of 06-12-93 09:07:51	183
06-12-93	09:08:12	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93	09:08:15	* FAH04A	NORMAL of 06-12-93 09:08:12	184
06-12-93	09:08:16	* FAH04A	ACK of 06-12-93 09:08:12	181
06-12-93	09:08:33	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93	09:08:35	FAH04A	ACK of 06-12-93 09:08:33	184
06-12-93	09:08:36	FAH04A	NORMAL of 06-12-93 09:08:33	184
06-12-93	09:08:48	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 292 GPM	
06-12-93	09:08:51	FAL87	ACK of 06-12-93 09:08:48	292
06-12-93	09:08:54	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	09:08:59	FAH04A	ACK of 06-12-93 09:08:54	182
06-12-93	09:09:00	FAH04A	NORMAL of 06-12-93 09:08:54	182
06-12-93	09:09:15	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	09:09:18	* FAH04A	NORMAL of 06-12-93 09:09:15	182
06-12-93	09:09:36	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 183 LB/MIN	
06-12-93	09:09:38	FAH04A	ACK of 06-12-93 09:09:36	183
06-12-93	09:09:38	* FAH04A	ACK of 06-12-93 09:09:15	183
06-12-93	09:09:39	FAH04A	NORMAL of 06-12-93 09:09:36	183
06-12-93	09:10:15	PLCA OFF	NORMAL of 06-12-93 08:46:39	
06-12-93	09:10:33	FAL87	NORMAL of 06-12-93 09:08:48	404
06-12-93	09:10:45	* FAD48	DEV FLOW SCRUBBER MAKEUP, FLOW= 32.8 GPM	
06-12-93	09:10:48	FAD48	ACK of 06-12-93 09:10:45	32.82
06-12-93	09:10:57	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93	09:11:00	* FAH04A	NORMAL of 06-12-93 09:10:57	184
06-12-93	09:11:15	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	09:11:21	* FAH04A	NORMAL of 06-12-93 09:11:15	182
06-12-93	09:11:49	* FAH04A	ACK of 06-12-93 09:11:15	183
06-12-93	09:11:49	* FAH04A	ACK of 06-12-93 09:10:57	183
06-12-93	09:11:57	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	09:12:00	* FAH04A	NORMAL of 06-12-93 09:11:57	184
06-12-93	09:12:15	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	09:12:21	* FAH04A	NORMAL of 06-12-93 09:12:15	183
06-12-93	09:12:21	* FAH04A	ACK of 06-12-93 09:12:15	183
06-12-93	09:12:22	* FAH04A	ACK of 06-12-93 09:11:57	183
06-12-93	09:12:33	FAD48	NORMAL of 06-12-93 09:10:45	18.67
06-12-93	09:12:57	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93	09:13:00	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 306 GPM	
06-12-93	09:13:03	* FAH04A	NORMAL of 06-12-93 09:12:57	184
06-12-93	09:13:03	* FAL87	NORMAL of 06-12-93 09:13:00	298
06-12-93	09:13:03	* FAL87	ACK of 06-12-93 09:13:00	298
06-12-93	09:13:03	* FAH04A	ACK of 06-12-93 09:12:57	184
06-12-93	09:13:06	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 304 GPM	
06-12-93	09:13:09	* FAL87	NORMAL of 06-12-93 09:13:06	298

06-12-93	09:13:12	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 300 GPM	
06-12-93	09:13:15	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	09:13:15	FAH04A	ACK of 06-12-93 09:13:15	185
06-12-93	09:13:15	FAL87	ACK of 06-12-93 09:13:12	300
06-12-93	09:13:15	* FAL87	ACK of 06-12-93 09:13:06	300
06-12-93	09:13:15	FAL87	NORMAL of 06-12-93 09:13:12	300
06-12-93	09:13:18	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 292 GPM	
06-12-93	09:13:24	FAH04A	NORMAL of 06-12-93 09:13:15	184
06-12-93	09:13:26	FAL87	ACK of 06-12-93 09:13:18	299
06-12-93	09:13:42	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93	09:13:48	* FAH04A	NORMAL of 06-12-93 09:13:42	182
06-12-93	09:14:03	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	09:14:04	FAH04A	ACK of 06-12-93 09:14:03	185
06-12-93	09:14:05	* FAH04A	ACK of 06-12-93 09:13:42	185
06-12-93	09:14:06	FAH04A	NORMAL of 06-12-93 09:14:03	185
06-12-93	09:14:24	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	09:14:30	* FAH04A	NORMAL of 06-12-93 09:14:24	182
06-12-93	09:14:31	* FAH04A	ACK of 06-12-93 09:14:24	182
06-12-93	09:14:45	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	09:14:49	FAH04A	ACK of 06-12-93 09:14:45	185
06-12-93	09:14:51	FAH04A	NORMAL of 06-12-93 09:14:45	183
06-12-93	09:15:03	* AAH71	HIGH SO2, 358.8 PPM	
06-12-93	09:15:05	AAH71	ACK of 06-12-93 09:15:03	358.8
06-12-93	09:15:06	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	09:15:19	FAH04A	ACK of 06-12-93 09:15:06	180
06-12-93	09:15:33	FAH04A	NORMAL of 06-12-93 09:15:06	181
06-12-93	09:15:39	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.3 PH	
06-12-93	09:15:41	AAL56	ACK of 06-12-93 09:15:39	5.24
06-12-93	09:15:48	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	09:15:51	* FAH04A	NORMAL of 06-12-93 09:15:48	184
06-12-93	09:16:07	* FAH04A	ACK of 06-12-93 09:15:48	184
06-12-93	09:16:09	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93	09:16:13	FAH04A	ACK of 06-12-93 09:16:09	183
06-12-93	09:16:15	FAH04A	NORMAL of 06-12-93 09:16:09	183
06-12-93	09:16:30	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	09:16:33	* FAH04A	NORMAL of 06-12-93 09:16:30	182
06-12-93	09:16:51	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	09:16:51	LAH106	NORMAL of 06-12-93 00:49:15	9584
06-12-93	09:16:54	* LAH106	HIGH LEVEL DAY TANK 106, LEV= 9591 GAL	
06-12-93	09:16:54	LAH106	ACK of 06-12-93 09:16:54	9591
06-12-93	09:16:54	FAH04A	ACK of 06-12-93 09:16:51	184
06-12-93	09:16:54	* FAH04A	ACK of 06-12-93 09:16:30	184
06-12-93	09:17:12	FAH04A	NORMAL of 06-12-93 09:16:51	183
06-12-93	09:17:21	LAH106	NORMAL of 06-12-93 09:16:54	9591
06-12-93	09:17:33	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	09:17:36	* FAH04A	NORMAL of 06-12-93 09:17:33	181
06-12-93	09:17:36	* FAH04A	ACK of 06-12-93 09:17:33	181
06-12-93	09:17:42	AAH71	NORMAL of 06-12-93 09:15:03	319.3
06-12-93	09:17:51	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93	09:17:51	PAL206B	NORMAL of 06-12-93 08:45:30	
06-12-93	09:17:52	FAH04A	ACK of 06-12-93 09:17:51	186
06-12-93	09:17:57	FAH04A	NORMAL of 06-12-93 09:17:51	186
06-12-93	09:18:15	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93	09:18:18	* FAH04A	NORMAL of 06-12-93 09:18:15	181
06-12-93	09:18:18	* FAH04A	ACK of 06-12-93 09:18:15	181
06-12-93	09:18:36	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93	09:18:39	* FAH04A	NORMAL of 06-12-93 09:18:36	183
06-12-93	09:18:43	* FAH04A	ACK of 06-12-93 09:18:36	183
06-12-93	09:19:18	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93	09:19:21	* FAH04A	NORMAL of 06-12-93 09:19:18	184

06-12-93	09:19:31	* FAH04A	ACK of 06-12-93 09:19:18	180
06-12-93	09:19:39	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	184 LB/MIN
06-12-93	09:19:39	* FALL87	LOW LOW FLOW QUENCH RECIRC, FLOW=	0 GPM
06-12-93	09:19:42	* FAH04A	NORMAL of 06-12-93 09:19:39	181
06-12-93	09:19:55	FALL87	ACK of 06-12-93 09:19:39	0
06-12-93	09:19:55	* FAH04A	ACK of 06-12-93 09:19:39	183
06-12-93	09:20:00	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	185 LB/MIN
06-12-93	09:20:16	FAH04A	ACK of 06-12-93 09:20:00	184
06-12-93	09:20:24	FAH04A	NORMAL of 06-12-93 09:20:00	180
06-12-93	09:20:27	AAL56	NORMAL of 06-12-93 09:15:39	5.26
06-12-93	09:21:00	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	185 LB/MIN
06-12-93	09:21:06	* FAH04A	NORMAL of 06-12-93 09:21:00	181
06-12-93	09:21:14	* FAH04A	ACK of 06-12-93 09:21:00	181
06-12-93	09:21:21	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	185 LB/MIN
06-12-93	09:21:23	FAH04A	ACK of 06-12-93 09:21:21	183
06-12-93	09:21:24	FAH04A	NORMAL of 06-12-93 09:21:21	183
06-12-93	09:21:27	FAL87	NORMAL of 06-12-93 09:13:18	0
06-12-93	09:21:27	FALL87	NORMAL of 06-12-93 09:19:39	0
06-12-93	09:21:36	* FAL87	LOW FLOW QUENCH RECIRC, FLOW=	0 GPM
06-12-93	09:21:39	FAL87	ACK of 06-12-93 09:21:36	0
06-12-93	09:21:42	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	186 LB/MIN
06-12-93	09:21:42	FAL87	NORMAL of 06-12-93 09:21:36	442
06-12-93	09:21:48	* FAH04A	NORMAL of 06-12-93 09:21:42	182
06-12-93	09:22:01	* FAH04A	ACK of 06-12-93 09:21:42	185
06-12-93	09:22:27	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	185 LB/MIN
06-12-93	09:22:28	FAH04A	ACK of 06-12-93 09:22:27	182
06-12-93	09:22:51	FAH04A	NORMAL of 06-12-93 09:22:27	183
06-12-93	09:23:09	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	182 LB/MIN
06-12-93	09:23:12	* FAH04A	NORMAL of 06-12-93 09:23:09	182
06-12-93	09:23:27	* FAH04A	ACK of 06-12-93 09:23:09	184
06-12-93	09:23:30	* FAD15A	DEV ALARM AIR INJECTOR A, FLOW=	86 SCFM
06-12-93	09:23:51	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	184 LB/MIN
06-12-93	09:23:54	* FAH04A	NORMAL of 06-12-93 09:23:51	180
06-12-93	09:23:54	* FAH04A	ACK of 06-12-93 09:23:51	180
06-12-93	09:23:54	FAD15A	ACK of 06-12-93 09:23:30	88
06-12-93	09:24:12	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	182 LB/MIN
06-12-93	09:24:22	FAH04A	ACK of 06-12-93 09:24:12	178
06-12-93	09:24:24	FAH04A	NORMAL of 06-12-93 09:24:12	183
06-12-93	09:24:33	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	183 LB/MIN
06-12-93	09:24:36	* FAH04A	NORMAL of 06-12-93 09:24:33	183
06-12-93	09:24:54	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	185 LB/MIN
06-12-93	09:24:57	* FAH04A	NORMAL of 06-12-93 09:24:54	182
06-12-93	09:25:15	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	181 LB/MIN
06-12-93	09:25:18	* FAH04A	NORMAL of 06-12-93 09:25:15	181
06-12-93	09:25:36	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	183 LB/MIN
06-12-93	09:25:37	FAH04A	ACK of 06-12-93 09:25:36	183
06-12-93	09:25:37	* FAH04A	ACK of 06-12-93 09:25:15	183
06-12-93	09:25:37	* FAH04A	ACK of 06-12-93 09:24:54	183
06-12-93	09:25:38	* FAH04A	ACK of 06-12-93 09:24:33	183
06-12-93	09:25:39	FAH04A	NORMAL of 06-12-93 09:25:36	183
06-12-93	09:25:57	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	184 LB/MIN
06-12-93	09:26:00	* FAH04A	NORMAL of 06-12-93 09:25:57	182
06-12-93	09:26:21	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	183 LB/MIN
06-12-93	09:26:24	* FAH04A	NORMAL of 06-12-93 09:26:21	181
06-12-93	09:26:24	* FAH04A	ACK of 06-12-93 09:26:21	181
06-12-93	09:26:24	* FAH04A	ACK of 06-12-93 09:25:57	181
06-12-93	09:27:57	* AAH71	HIGH SO2, 373.5 PPM	
06-12-93	09:28:03	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.2 PH	
06-12-93	09:28:05	AAL56	ACK of 06-12-93 09:28:03	5.25
06-12-93	09:28:05	AAH71	ACK of 06-12-93 09:27:57	392.5

06-12-93	09:28:06	AAL56	NORMAL of 06-12-93 09:28:03	5.25
06-12-93	09:28:12	* AAL56	SCRUBBER/VENTURI RECYCLE PH	LOW, 5.2 PH
06-12-93	09:28:27	TAH46	NORMAL of 06-12-93 05:12:09	0
06-12-93	09:28:30	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:28:32	TAH46	ACK of 06-12-93 09:28:30	0
06-12-93	09:28:32	AAL56	ACK of 06-12-93 09:28:12	5.23
06-12-93	09:28:39	TAH46	NORMAL of 06-12-93 09:28:30	0
06-12-93	09:28:42	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:28:45	* TAH46	NORMAL of 06-12-93 09:28:42	0
06-12-93	09:28:48	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:28:57	* TAH46	NORMAL of 06-12-93 09:28:48	0
06-12-93	09:29:07	* TAH46	ACK of 06-12-93 09:28:48	0
06-12-93	09:29:08	* TAH46	ACK of 06-12-93 09:28:42	0
06-12-93	09:29:09	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:29:12	* TAH46	NORMAL of 06-12-93 09:29:09	0
06-12-93	09:29:15	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:29:19	TAH46	ACK of 06-12-93 09:29:15	0
06-12-93	09:29:19	* TAH46	ACK of 06-12-93 09:29:09	0
06-12-93	09:29:30	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	185 LB/MIN
06-12-93	09:29:33	* FAH04A	NORMAL of 06-12-93 09:29:30	182
06-12-93	09:29:33	TAH46	NORMAL of 06-12-93 09:29:15	0
06-12-93	09:29:33	* FAH04A	ACK of 06-12-93 09:29:30	182
06-12-93	09:29:36	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:29:42	* TAH46	NORMAL of 06-12-93 09:29:36	0
06-12-93	09:29:48	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:29:51	* TAH46	NORMAL of 06-12-93 09:29:48	0
06-12-93	09:29:52	* TAH46	ACK of 06-12-93 09:29:48	0
06-12-93	09:29:52	* TAH46	ACK of 06-12-93 09:29:36	0
06-12-93	09:29:54	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:29:57	* TAH46	NORMAL of 06-12-93 09:29:54	0
06-12-93	09:30:03	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:30:05	TAH46	ACK of 06-12-93 09:30:03	0
06-12-93	09:30:05	* TAH46	ACK of 06-12-93 09:29:54	0
06-12-93	09:30:15	TAH46	NORMAL of 06-12-93 09:30:03	0
06-12-93	09:30:18	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:30:20	TAH46	ACK of 06-12-93 09:30:18	0
06-12-93	09:30:27	TAH46	NORMAL of 06-12-93 09:30:18	0
06-12-93	09:30:36	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	182 LB/MIN
06-12-93	09:30:36	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:30:36	AAH71	NORMAL of 06-12-93 09:27:57	312.5
06-12-93	09:30:38	TAH46	ACK of 06-12-93 09:30:36	0
06-12-93	09:30:39	FAH04A	ACK of 06-12-93 09:30:36	182
06-12-93	09:30:39	FAH04A	NORMAL of 06-12-93 09:30:36	182
06-12-93	09:30:39	* FAL87	LOW FLOW QUENCH RECIRC, FLOW=	234 GPM
06-12-93	09:30:42	TAH46	NORMAL of 06-12-93 09:30:36	0
06-12-93	09:30:42	FAL87	ACK of 06-12-93 09:30:39	281
06-12-93	09:30:45	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:30:51	* TAH46	NORMAL of 06-12-93 09:30:45	0
06-12-93	09:30:57	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:31:00	FAL87	NORMAL of 06-12-93 09:30:39	294
06-12-93	09:31:03	* FAL87	LOW FLOW QUENCH RECIRC, FLOW=	300 GPM
06-12-93	09:31:03	* TAH46	NORMAL of 06-12-93 09:30:57	0
06-12-93	09:31:06	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:31:15	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	183 LB/MIN
06-12-93	09:31:18	* FAH04A	NORMAL of 06-12-93 09:31:15	182
06-12-93	09:31:18	* FAH04A	ACK of 06-12-93 09:31:15	182
06-12-93	09:31:18	TAH46	ACK of 06-12-93 09:31:06	0
06-12-93	09:31:19	FAL87	ACK of 06-12-93 09:31:03	287
06-12-93	09:31:19	* TAH46	ACK of 06-12-93 09:30:57	0
06-12-93	09:31:19	* TAH46	ACK of 06-12-93 09:30:45	0

06-12-93	09:31:27	TAH46	NORMAL of 06-12-93 09:31:06	0
06-12-93	09:31:30	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:31:33	* TAH46	NORMAL of 06-12-93 09:31:30	0
06-12-93	09:31:39	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:31:42	* TAH46	NORMAL of 06-12-93 09:31:39	0
06-12-93	09:31:54	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:31:56	TAH46	ACK of 06-12-93 09:31:54	0
06-12-93	09:31:56	* TAH46	ACK of 06-12-93 09:31:39	0
06-12-93	09:31:56	* TAH46	ACK of 06-12-93 09:31:30	0
06-12-93	09:31:57	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 183 LB/MIN	
06-12-93	09:32:00	* FAH04A	NORMAL of 06-12-93 09:31:57	183
06-12-93	09:32:15	TAH46	NORMAL of 06-12-93 09:31:54	0
06-12-93	09:32:18	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 183 LB/MIN	
06-12-93	09:32:18	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:32:21	* FAH04A	NORMAL of 06-12-93 09:32:18	183
06-12-93	09:32:26	TAH46	ACK of 06-12-93 09:32:18	0
06-12-93	09:32:26	* FAH04A	ACK of 06-12-93 09:32:18	180
06-12-93	09:32:26	* FAH04A	ACK of 06-12-93 09:31:57	180
06-12-93	09:32:27	TAH46	NORMAL of 06-12-93 09:32:18	0
06-12-93	09:32:30	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:32:39	* TAH46	NORMAL of 06-12-93 09:32:30	0
06-12-93	09:32:42	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:32:48	* TAH46	NORMAL of 06-12-93 09:32:42	0
06-12-93	09:32:49	* TAH46	ACK of 06-12-93 09:32:42	0
06-12-93	09:32:49	* TAH46	ACK of 06-12-93 09:32:30	0
06-12-93	09:32:54	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:32:57	* TAH46	NORMAL of 06-12-93 09:32:54	0
06-12-93	09:32:58	* TAH46	ACK of 06-12-93 09:32:54	0
06-12-93	09:33:00	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:33:03	AAL56	NORMAL of 06-12-93 09:28:12	5.25
06-12-93	09:33:15	TAH46	ACK of 06-12-93 09:33:00	0
06-12-93	09:33:18	TAH46	NORMAL of 06-12-93 09:33:00	0
06-12-93	09:33:21	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:33:33	TAH46	ACK of 06-12-93 09:33:21	0
06-12-93	09:33:45	TAH46	NORMAL of 06-12-93 09:33:21	0
06-12-93	09:33:48	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:34:42	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	09:34:45	* FAH04A	NORMAL of 06-12-93 09:34:42	182
06-12-93	09:34:48	* FAH04A	ACK of 06-12-93 09:34:42	180
06-12-93	09:34:49	TAH46	ACK of 06-12-93 09:33:48	0
06-12-93	09:34:54	TAH46	NORMAL of 06-12-93 09:33:48	0
06-12-93	09:34:57	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:35:10	TAH46	ACK of 06-12-93 09:34:57	0
06-12-93	09:35:12	* FAD48	DEV FLOW SCRUBBER MAKEUP, FLOW= 33.1 GPM	
06-12-93	09:35:27	TAH46	NORMAL of 06-12-93 09:34:57	0
06-12-93	09:35:29	FAD48	ACK of 06-12-93 09:35:12	31.23
06-12-93	09:35:30	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:35:35	TAH46	ACK of 06-12-93 09:35:30	0
06-12-93	09:35:36	TAH46	NORMAL of 06-12-93 09:35:30	0
06-12-93	09:35:39	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:35:42	* TAH46	NORMAL of 06-12-93 09:35:39	0
06-12-93	09:35:54	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:36:09	* TAH46	NORMAL of 06-12-93 09:35:54	0
06-12-93	09:36:12	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:36:15	* LAH402DB	HI LVL BRINE/CAUSTIC TANK 402B	
06-12-93	09:36:15	* TAH46	NORMAL of 06-12-93 09:36:12	0
06-12-93	09:36:18	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:36:18	TAH46	ACK of 06-12-93 09:36:18	0
06-12-93	09:36:18	LAH402DB	ACK of 06-12-93 09:36:15	
06-12-93	09:36:18	* TAH46	ACK of 06-12-93 09:36:12	0

06-12-93	09:36:19	* TAH46	ACK of 06-12-93 09:35:54	0
06-12-93	09:36:19	* TAH46	ACK of 06-12-93 09:35:39	0
06-12-93	09:36:24	FAL87	NORMAL of 06-12-93 09:31:03	401
06-12-93	09:36:51	TAH46	NORMAL of 06-12-93 09:36:18	0
06-12-93	09:36:57	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:36:59	TAH46	ACK of 06-12-93 09:36:57	0
06-12-93	09:37:03	TAH46	NORMAL of 06-12-93 09:36:57	0
06-12-93	09:37:09	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:37:12	* TAH46	NORMAL of 06-12-93 09:37:09	0
06-12-93	09:37:15	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:37:15	FAD48	NORMAL of 06-12-93 09:35:12	16.93
06-12-93	09:37:44	TAH46	ACK of 06-12-93 09:37:15	0
06-12-93	09:37:44	* TAH46	ACK of 06-12-93 09:37:09	0
06-12-93	09:38:06	TAH46	NORMAL of 06-12-93 09:37:15	0
06-12-93	09:38:09	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:38:15	* DEV_OFF	DEVELOPMENT PLC OFFLINE	
06-12-93	09:38:20	* DEV_OFF	NORMAL of 06-12-93 09:38:15	
06-12-93	09:38:38	* DEV_OFF	ACK of 06-12-93 09:38:15	
06-12-93	09:38:39	TAH46	ACK of 06-12-93 09:38:09	0
06-12-93	09:40:00	TAH46	NORMAL of 06-12-93 09:38:09	0
06-12-93	09:40:00	* AAH71	HIGH SO2, 365.7 PPM	
06-12-93	09:40:03	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:40:07	TAH46	ACK of 06-12-93 09:40:03	0
06-12-93	09:40:07	AAH71	ACK of 06-12-93 09:40:00	374.5
06-12-93	09:40:15	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	09:40:18	* FAH04A	NORMAL of 06-12-93 09:40:15	185
06-12-93	09:40:27	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.3 PH	
06-12-93	09:40:30	TAH46	NORMAL of 06-12-93 09:40:03	0
06-12-93	09:40:36	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:40:38	TAH46	ACK of 06-12-93 09:40:36	0
06-12-93	09:40:38	AAL56	ACK of 06-12-93 09:40:27	5.24
06-12-93	09:40:38	* FAH04A	ACK of 06-12-93 09:40:15	181
06-12-93	09:40:39	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 181 LB/MIN	
06-12-93	09:40:42	* FAH04A	NORMAL of 06-12-93 09:40:39	181
06-12-93	09:40:42	TAH46	NORMAL of 06-12-93 09:40:36	0
06-12-93	09:40:57	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:41:09	TAH46	ACK of 06-12-93 09:40:57	0
06-12-93	09:41:09	* FAH04A	ACK of 06-12-93 09:40:39	180
06-12-93	09:41:12	TAH46	NORMAL of 06-12-93 09:40:57	0
06-12-93	09:41:15	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:41:23	TAH46	ACK of 06-12-93 09:41:15	0
06-12-93	09:41:39	TAH46	NORMAL of 06-12-93 09:41:15	0
06-12-93	09:41:42	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:42:15	AAH71	NORMAL of 06-12-93 09:40:00	352.5
06-12-93	09:42:48	* TAH46	NORMAL of 06-12-93 09:41:42	0
06-12-93	09:42:54	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:43:01	TAH46	ACK of 06-12-93 09:42:54	0
06-12-93	09:43:01	* TAH46	ACK of 06-12-93 09:41:42	0
06-12-93	09:43:09	TAH46	NORMAL of 06-12-93 09:42:54	0
06-12-93	09:43:12	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:43:15	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 307 GPM	
06-12-93	09:43:18	* FAL87	NORMAL of 06-12-93 09:43:15	306
06-12-93	09:43:18	* TAH46	NORMAL of 06-12-93 09:43:12	0
06-12-93	09:43:19	* FAL87	ACK of 06-12-93 09:43:15	306
06-12-93	09:43:19	* TAH46	ACK of 06-12-93 09:43:12	0
06-12-93	09:43:21	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:43:24	* TAH46	NORMAL of 06-12-93 09:43:21	0
06-12-93	09:43:26	* TAH46	ACK of 06-12-93 09:43:21	0
06-12-93	09:43:27	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:43:36	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 304 GPM	

06-12-93	09:43:36	* TAH46	NORMAL of 06-12-93 09:43:27	0
06-12-93	09:43:39	* FAL87	NORMAL of 06-12-93 09:43:36	304
06-12-93	09:43:39	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:43:42	* FAL87	LOW FLOW QUENCH RECIRC, FLOW=	304 GPM
06-12-93	09:43:42	* TAH46	NORMAL of 06-12-93 09:43:39	0
06-12-93	09:43:45	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:43:52	TAH46	ACK of 06-12-93 09:43:45	0
06-12-93	09:43:52	FAL87	ACK of 06-12-93 09:43:42	299
06-12-93	09:43:52	* TAH46	ACK of 06-12-93 09:43:39	0
06-12-93	09:43:52	* FAL87	ACK of 06-12-93 09:43:36	299
06-12-93	09:43:52	* TAH46	ACK of 06-12-93 09:43:27	0
06-12-93	09:43:54	TAH46	NORMAL of 06-12-93 09:43:45	0
06-12-93	09:43:57	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:44:00	TAH46	ACK of 06-12-93 09:43:57	0
06-12-93	09:44:03	FAL87	NORMAL of 06-12-93 09:43:42	283
06-12-93	09:44:06	* FAL87	LOW FLOW QUENCH RECIRC, FLOW=	283 GPM
06-12-93	09:44:23	FAL87	ACK of 06-12-93 09:44:06	293
06-12-93	09:44:27	TAH46	NORMAL of 06-12-93 09:43:57	0
06-12-93	09:44:33	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:44:45	* TAH46	NORMAL of 06-12-93 09:44:33	0
06-12-93	09:44:48	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:45:06	* TAH46	NORMAL of 06-12-93 09:44:48	0
06-12-93	09:45:09	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:45:13	TAH46	ACK of 06-12-93 09:45:09	0
06-12-93	09:45:13	* TAH46	ACK of 06-12-93 09:44:48	0
06-12-93	09:45:13	* TAH46	ACK of 06-12-93 09:44:33	0
06-12-93	09:45:30	AAL56	NORMAL of 06-12-93 09:40:27	5.25
06-12-93	09:45:30	TAH46	NORMAL of 06-12-93 09:45:09	0
06-12-93	09:45:33	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:45:42	* TAH46	NORMAL of 06-12-93 09:45:33	0
06-12-93	09:45:43	* TAH46	ACK of 06-12-93 09:45:33	0
06-12-93	09:45:45	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:45:48	* TAH46	NORMAL of 06-12-93 09:45:45	0
06-12-93	09:45:51	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:45:54	* TAH46	NORMAL of 06-12-93 09:45:51	0
06-12-93	09:45:57	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:45:58	TAH46	ACK of 06-12-93 09:45:57	0
06-12-93	09:45:58	* TAH46	ACK of 06-12-93 09:45:51	0
06-12-93	09:45:58	* TAH46	ACK of 06-12-93 09:45:45	0
06-12-93	09:46:00	TAH46	NORMAL of 06-12-93 09:45:57	0
06-12-93	09:46:03	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:46:15	* TAH46	NORMAL of 06-12-93 09:46:03	0
06-12-93	09:46:27	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:46:28	TAH46	ACK of 06-12-93 09:46:27	0
06-12-93	09:46:28	* TAH46	ACK of 06-12-93 09:46:03	0
06-12-93	09:46:36	TAH46	NORMAL of 06-12-93 09:46:27	0
06-12-93	09:46:39	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:46:45	* TAH46	NORMAL of 06-12-93 09:46:39	0
06-12-93	09:46:57	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:47:03	* TAH46	NORMAL of 06-12-93 09:46:57	0
06-12-93	09:47:04	* TAH46	ACK of 06-12-93 09:46:57	0
06-12-93	09:47:04	* TAH46	ACK of 06-12-93 09:46:39	0
06-12-93	09:47:27	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:47:30	* TAH46	NORMAL of 06-12-93 09:47:27	0
06-12-93	09:47:33	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:47:36	* TAH46	NORMAL of 06-12-93 09:47:33	0
06-12-93	09:47:39	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:47:48	* TAH46	NORMAL of 06-12-93 09:47:39	0
06-12-93	09:47:51	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	09:47:54	* TAH46	NORMAL of 06-12-93 09:47:51	0

06-12-93	09:48:00	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	09:48:03	* TAH46	NORMAL of 06-12-93 09:48:00		0
06-12-93	09:48:09	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	09:48:15	TAH46	ACK of 06-12-93 09:48:09		0
06-12-93	09:48:15	* TAH46	ACK of 06-12-93 09:48:00		0
06-12-93	09:48:15	* TAH46	ACK of 06-12-93 09:47:51		0
06-12-93	09:48:15	* TAH46	ACK of 06-12-93 09:47:39		0
06-12-93	09:48:16	* TAH46	ACK of 06-12-93 09:47:33		0
06-12-93	09:48:16	* TAH46	ACK of 06-12-93 09:47:27		0
06-12-93	09:48:18	TAH46	NORMAL of 06-12-93 09:48:09		0
06-12-93	09:48:21	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	09:48:27	* TAH46	NORMAL of 06-12-93 09:48:21		0
06-12-93	09:48:45	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	09:48:48	* TAH46	NORMAL of 06-12-93 09:48:45		0
06-12-93	09:49:03	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	09:49:05	TAH46	ACK of 06-12-93 09:49:03		0
06-12-93	09:49:06	* TAH46	ACK of 06-12-93 09:48:45		0
06-12-93	09:49:06	* TAH46	ACK of 06-12-93 09:48:21		0
06-12-93	09:49:09	TAH46	NORMAL of 06-12-93 09:49:03		0
06-12-93	09:49:12	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	09:49:15	* TAH46	NORMAL of 06-12-93 09:49:12		0
06-12-93	09:49:18	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	09:49:24	* TAH46	NORMAL of 06-12-93 09:49:18		0
06-12-93	09:49:30	* DEV_BAT	LOW BATTERY - DEVELOPMENT PLC		
06-12-93	09:49:30	* DEV_OFF	DEVELOPMENT PLC OFFLINE		
06-12-93	09:49:30	* DEV_D1_F	DEVELOPMENT PLC - I/O DROP #1 FAILURE		
06-12-93	09:49:34	DEV_D1_F	ACK of 06-12-93 09:49:30		
06-12-93	09:49:34	DEV_OFF	ACK of 06-12-93 09:49:30		
06-12-93	09:49:34	DEV_BAT	ACK of 06-12-93 09:49:30		
06-12-93	09:49:34	* TAH46	ACK of 06-12-93 09:49:18		0
06-12-93	09:49:34	* TAH46	ACK of 06-12-93 09:49:12		0
06-12-93	09:49:43	DEV_BAT	NORMAL of 06-12-93 09:49:30		
06-12-93	09:49:43	DEV_OFF	NORMAL of 06-12-93 09:49:30		
06-12-93	09:49:43	DEV_D1_F	NORMAL of 06-12-93 09:49:30		
06-12-93	09:49:57	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	09:50:00	* TAH46	NORMAL of 06-12-93 09:49:57		0
06-12-93	09:50:28	* TAH46	ACK of 06-12-93 09:49:57		0
06-12-93	09:50:42	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN		
06-12-93	09:50:45	* FAH04A	NORMAL of 06-12-93 09:50:42		183
06-12-93	09:50:45	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	09:50:48	* TAH46	NORMAL of 06-12-93 09:50:45		0
06-12-93	09:50:57	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	09:51:03	* TAH46	NORMAL of 06-12-93 09:50:57		0
06-12-93	09:51:09	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 182 LB/MIN		
06-12-93	09:51:18	* FAH04A	NORMAL of 06-12-93 09:51:09		180
06-12-93	09:51:21	* FAH04A	ACK of 06-12-93 09:51:09		180
06-12-93	09:51:21	* TAH46	ACK of 06-12-93 09:50:57		0
06-12-93	09:51:21	* TAH46	ACK of 06-12-93 09:50:45		0
06-12-93	09:51:22	* FAH04A	ACK of 06-12-93 09:50:42		184
06-12-93	09:51:36	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	09:51:39	* TAH46	NORMAL of 06-12-93 09:51:36		0
06-12-93	09:52:12	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	09:52:24	* TAH46	NORMAL of 06-12-93 09:52:12		0
06-12-93	09:52:33	* TAH46	ACK of 06-12-93 09:52:12		0
06-12-93	09:52:33	* TAH46	ACK of 06-12-93 09:51:36		0
06-12-93	09:52:42	* AAH71	HIGH SO2, 361.8 PPM		
06-12-93	09:52:48	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	09:52:51	* TAH46	NORMAL of 06-12-93 09:52:48		0
06-12-93	09:53:03	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.2 PH		
06-12-93	09:53:30	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	

06-12-93	09:53:33	* TAH46	NORMAL	of 06-12-93 09:53:30	0
06-12-93	09:53:39	* TAH46	ACK	of 06-12-93 09:53:30	0
06-12-93	09:53:39	AAL56	ACK	of 06-12-93 09:53:03	5.2
06-12-93	09:53:40	* TAH46	ACK	of 06-12-93 09:52:48	0
06-12-93	09:53:40	AAH71	ACK	of 06-12-93 09:52:42	498.5
06-12-93	09:54:21	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	09:54:27	* TAH46	NORMAL	of 06-12-93 09:54:21	0
06-12-93	09:54:30	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	09:54:36	* TAH46	NORMAL	of 06-12-93 09:54:30	0
06-12-93	09:54:39	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	09:54:45	* TAH46	NORMAL	of 06-12-93 09:54:39	0
06-12-93	09:54:46	* TAH46	ACK	of 06-12-93 09:54:39	0
06-12-93	09:54:46	* TAH46	ACK	of 06-12-93 09:54:30	0
06-12-93	09:54:46	* TAH46	ACK	of 06-12-93 09:54:21	0
06-12-93	09:54:57	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	09:55:00	* TAH46	NORMAL	of 06-12-93 09:54:57	0
06-12-93	09:55:03	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	09:55:03	* DEV_OFF	DEVELOPMENT PLC OFFLINE		
06-12-93	09:55:06	* TAH46	NORMAL	of 06-12-93 09:55:03	0
06-12-93	09:55:08	DEV_OFF	ACK	of 06-12-93 09:55:03	
06-12-93	09:55:08	* TAH46	ACK	of 06-12-93 09:55:03	0
06-12-93	09:55:08	* TAH46	ACK	of 06-12-93 09:54:57	0
06-12-93	09:55:27	* FALL87	LOW LOW FLOW QUENCH RECIRC,	FLOW=	0 GPM
06-12-93	09:55:28	DEV_OFF	NORMAL	of 06-12-93 09:55:03	
06-12-93	09:55:32	FALL87	ACK	of 06-12-93 09:55:27	0
06-12-93	09:55:39	AAH71	NORMAL	of 06-12-93 09:52:42	367.1
06-12-93	09:56:00	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	183 LB/MIN	
06-12-93	09:56:03	* FAH04A	NORMAL	of 06-12-93 09:56:00	183
06-12-93	09:56:03	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	09:56:03	TAH46	ACK	of 06-12-93 09:56:03	0
06-12-93	09:56:03	* FAH04A	ACK	of 06-12-93 09:56:00	183
06-12-93	09:56:09	TAH46	NORMAL	of 06-12-93 09:56:03	0
06-12-93	09:56:30	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	09:56:33	* TAH46	NORMAL	of 06-12-93 09:56:30	0
06-12-93	09:56:42	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	185 LB/MIN	
06-12-93	09:56:42	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	09:56:45	* FAH04A	NORMAL	of 06-12-93 09:56:42	181
06-12-93	09:56:45	* TAH46	NORMAL	of 06-12-93 09:56:42	0
06-12-93	09:56:46	* TAH46	ACK	of 06-12-93 09:56:42	0
06-12-93	09:56:47	* FAH04A	ACK	of 06-12-93 09:56:42	181
06-12-93	09:56:47	* TAH46	ACK	of 06-12-93 09:56:30	0
06-12-93	09:57:00	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	09:57:03	TAH46	ACK	of 06-12-93 09:57:00	0
06-12-93	09:57:03	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	185 LB/MIN	
06-12-93	09:57:03	TAH46	NORMAL	of 06-12-93 09:57:00	0
06-12-93	09:57:06	* FAH04A	NORMAL	of 06-12-93 09:57:03	183
06-12-93	09:57:06	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	09:57:09	* TAH46	NORMAL	of 06-12-93 09:57:06	0
06-12-93	09:57:30	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	09:57:32	TAH46	ACK	of 06-12-93 09:57:30	0
06-12-93	09:57:32	* TAH46	ACK	of 06-12-93 09:57:06	0
06-12-93	09:57:33	* FAH04A	ACK	of 06-12-93 09:57:03	180
06-12-93	09:57:33	TAH46	NORMAL	of 06-12-93 09:57:30	0
06-12-93	09:57:51	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	09:57:54	* TAH46	NORMAL	of 06-12-93 09:57:51	0
06-12-93	09:58:09	AAL56	NORMAL	of 06-12-93 09:53:03	5.24
06-12-93	09:58:09	FALL87	NORMAL	of 06-12-93 09:55:27	0
06-12-93	09:58:12	FAL87	NORMAL	of 06-12-93 09:44:06	373
06-12-93	09:58:24	* TAH46	ACK	of 06-12-93 09:57:51	0
06-12-93	09:58:33	* FAL87	LOW FLOW QUENCH RECIRC, FLOW=	240 GPM	

06-12-93 09:58:35	FAL87	ACK of 06-12-93 09:58:33	240
06-12-93 09:58:39	FAL87	NORMAL of 06-12-93 09:58:33	240
06-12-93 09:58:51	* FAD48	DEV FLOW SCRUBBER MAKEUP, FLOW= 29.9 GPM	
06-12-93 09:58:57	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-12-93 09:59:00	* TAH46	NORMAL of 06-12-93 09:58:57	0
06-12-93 09:59:03	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-12-93 09:59:09	* TAH46	NORMAL of 06-12-93 09:59:03	0
06-12-93 09:59:11	* TAH46	ACK of 06-12-93 09:59:03	0
06-12-93 09:59:11	* TAH46	ACK of 06-12-93 09:58:57	0
06-12-93 09:59:11	FAD48	ACK of 06-12-93 09:58:51	27.95
06-12-93 09:59:12	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-12-93 09:59:15	* TAH46	NORMAL of 06-12-93 09:59:12	0
06-12-93 09:59:24	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 384 GPM	
06-12-93 09:59:24	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-12-93 09:59:27	* TAH46	NORMAL of 06-12-93 09:59:24	0
06-12-93 09:59:30	* FAL87	NORMAL of 06-12-93 09:59:24	397
06-12-93 09:59:30	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-12-93 09:59:34	TAH46	ACK of 06-12-93 09:59:30	0
06-12-93 09:59:35	* TAH46	ACK of 06-12-93 09:59:24	0
06-12-93 09:59:35	* FAL87	ACK of 06-12-93 09:59:24	397
06-12-93 09:59:35	* TAH46	ACK of 06-12-93 09:59:12	0
06-12-93 09:59:39	TAH46	NORMAL of 06-12-93 09:59:30	0
06-12-93 09:59:42	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-12-93 09:59:45	* TAH46	NORMAL of 06-12-93 09:59:42	0
06-12-93 09:59:54	FAD48	NORMAL of 06-12-93 09:58:51	22.03
06-12-93 09:59:59	* TAH46	ACK of 06-12-93 09:59:42	0
06-12-93 10:00:05	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-12-93 10:00:06	* TAH46	NORMAL of 06-12-93 10:00:05	0
06-12-93 10:00:15	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-12-93 10:00:15	TAH46	ACK of 06-12-93 10:00:15	0
06-12-93 10:00:15	* TAH46	ACK of 06-12-93 10:00:05	0
06-12-93 10:00:27	TAH46	NORMAL of 06-12-93 10:00:15	0
06-12-93 10:00:30	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-12-93 10:00:33	* TAH46	NORMAL of 06-12-93 10:00:30	0
06-12-93 10:00:42	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-12-93 10:00:47	TAH46	ACK of 06-12-93 10:00:42	0
06-12-93 10:00:47	* TAH46	ACK of 06-12-93 10:00:30	0
06-12-93 10:00:54	TAH46	NORMAL of 06-12-93 10:00:42	0
06-12-93 10:00:57	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-12-93 10:01:03	* TAH46	NORMAL of 06-12-93 10:00:57	0
06-12-93 10:01:06	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-12-93 10:01:09	* TAH46	NORMAL of 06-12-93 10:01:06	0
06-12-93 10:01:12	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 305 GPM	
06-12-93 10:01:15	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-12-93 10:01:18	* TAH46	NORMAL of 06-12-93 10:01:15	0
06-12-93 10:01:21	* FAL87	NORMAL of 06-12-93 10:01:12	295
06-12-93 10:01:21	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-12-93 10:01:24	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 295 GPM	
06-12-93 10:01:24	* TAH46	NORMAL of 06-12-93 10:01:21	0
06-12-93 10:01:27	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-12-93 10:01:30	* TAH46	NORMAL of 06-12-93 10:01:27	0
06-12-93 10:01:32	* TAH46	ACK of 06-12-93 10:01:27	0
06-12-93 10:01:32	FAL87	ACK of 06-12-93 10:01:24	296
06-12-93 10:01:32	* TAH46	ACK of 06-12-93 10:01:21	0
06-12-93 10:01:32	* TAH46	ACK of 06-12-93 10:01:15	0
06-12-93 10:01:32	* FAL87	ACK of 06-12-93 10:01:12	296
06-12-93 10:01:32	* TAH46	ACK of 06-12-93 10:01:06	0
06-12-93 10:01:33	* TAH46	ACK of 06-12-93 10:00:57	0
06-12-93 10:01:42	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-12-93 10:01:44	TAH46	ACK of 06-12-93 10:01:42	0

06-12-93	10:01:48	TAH46	NORMAL of 06-12-93 10:01:42	0
06-12-93	10:01:51	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	10:01:54	* TAH46	NORMAL of 06-12-93 10:01:51	0
06-12-93	10:02:04	* TAH46	ACK of 06-12-93 10:01:51	0
06-12-93	10:02:09	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	10:02:18	* TAH46	NORMAL of 06-12-93 10:02:09	0
06-12-93	10:02:27	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	10:02:36	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93	10:02:39	* FAH04A	NORMAL of 06-12-93 10:02:36	180
06-12-93	10:02:39	* TAH46	NORMAL of 06-12-93 10:02:27	0
06-12-93	10:02:42	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	10:02:44	TAH46	ACK of 06-12-93 10:02:42	0
06-12-93	10:02:44	* FAH04A	ACK of 06-12-93 10:02:36	177
06-12-93	10:02:44	* TAH46	ACK of 06-12-93 10:02:27	0
06-12-93	10:02:44	* TAH46	ACK of 06-12-93 10:02:09	0
06-12-93	10:02:51	TAH46	NORMAL of 06-12-93 10:02:42	0
06-12-93	10:03:06	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	10:03:12	* TAH46	NORMAL of 06-12-93 10:03:06	0
06-12-93	10:03:15	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	10:03:18	* TAH46	NORMAL of 06-12-93 10:03:15	0
06-12-93	10:03:24	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	10:03:31	TAH46	ACK of 06-12-93 10:03:24	0
06-12-93	10:03:31	* TAH46	ACK of 06-12-93 10:03:15	0
06-12-93	10:03:31	* TAH46	ACK of 06-12-93 10:03:06	0
06-12-93	10:03:39	TAH46	NORMAL of 06-12-93 10:03:24	0
06-12-93	10:03:45	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	10:03:54	* TAH46	NORMAL of 06-12-93 10:03:45	0
06-12-93	10:03:57	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	10:04:06	* TAH46	NORMAL of 06-12-93 10:03:57	0
06-12-93	10:04:15	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	10:04:30	* TAH46	NORMAL of 06-12-93 10:04:15	0
06-12-93	10:04:33	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	10:04:43	TAH46	ACK of 06-12-93 10:04:33	0
06-12-93	10:04:43	* TAH46	ACK of 06-12-93 10:04:15	0
06-12-93	10:04:43	* TAH46	ACK of 06-12-93 10:03:57	0
06-12-93	10:04:43	* TAH46	ACK of 06-12-93 10:03:45	0
06-12-93	10:04:54	TAH46	NORMAL of 06-12-93 10:04:33	0
06-12-93	10:04:57	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	10:05:00	* TAH46	NORMAL of 06-12-93 10:04:57	0
06-12-93	10:05:06	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	10:05:12	* TAH46	NORMAL of 06-12-93 10:05:06	0
06-12-93	10:05:18	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	10:05:36	* TAH46	NORMAL of 06-12-93 10:05:18	0
06-12-93	10:05:39	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	10:05:48	* TAH46	NORMAL of 06-12-93 10:05:39	0
06-12-93	10:05:51	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	10:05:56	TAH46	ACK of 06-12-93 10:05:51	0
06-12-93	10:05:56	* TAH46	ACK of 06-12-93 10:05:39	0
06-12-93	10:05:56	* TAH46	ACK of 06-12-93 10:05:18	0
06-12-93	10:05:56	* TAH46	ACK of 06-12-93 10:05:06	0
06-12-93	10:05:56	* TAH46	ACK of 06-12-93 10:04:57	0
06-12-93	10:06:03	TAH46	NORMAL of 06-12-93 10:05:51	0
06-12-93	10:06:09	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	10:06:27	FAL87	NORMAL of 06-12-93 10:01:24	401
06-12-93	10:06:36	TAH46	ACK of 06-12-93 10:06:09	0
06-12-93	10:06:48	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	10:06:51	* FAH04A	NORMAL of 06-12-93 10:06:48	180
06-12-93	10:07:06	TAH46	NORMAL of 06-12-93 10:06:09	0
06-12-93	10:07:09	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93	10:07:12	* AAH71	HIGH SO2, 360.8 PPM	

06-12-93	10:07:14	AAH71	ACK	of 06-12-93 10:07:12	360.8
06-12-93	10:07:14	TAH46	ACK	of 06-12-93 10:07:09	0
06-12-93	10:07:14	* FAH04A	ACK	of 06-12-93 10:06:48	181
06-12-93	10:07:18	TAH46	NORMAL	of 06-12-93 10:07:09	0
06-12-93	10:07:24	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	10:07:27	TAH46	ACK	of 06-12-93 10:07:24	0
06-12-93	10:07:51	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	183 LB/MIN	
06-12-93	10:07:54	* FAH04A	NORMAL	of 06-12-93 10:07:51	183
06-12-93	10:07:54	TAH46	NORMAL	of 06-12-93 10:07:24	0
06-12-93	10:08:12	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	185 LB/MIN	
06-12-93	10:08:15	* AAL56	SCRUBBER/VENTURI RECYCLE PH	LOW, 5.3 PH	
06-12-93	10:08:15	* FAH04A	NORMAL	of 06-12-93 10:08:12	185
06-12-93	10:08:23	AAL56	ACK	of 06-12-93 10:08:15	5.22
06-12-93	10:08:23	* FAH04A	ACK	of 06-12-93 10:08:12	181
06-12-93	10:08:23	* FAH04A	ACK	of 06-12-93 10:07:51	181
06-12-93	10:08:24	* FAL87	LOW FLOW QUENCH RECIRC, FLOW=	295 GPM	
06-12-93	10:08:24	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	10:08:27	AAH71	NORMAL	of 06-12-93 10:07:12	329.5
06-12-93	10:08:30	* TAH46	NORMAL	of 06-12-93 10:08:24	0
06-12-93	10:08:33	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	183 LB/MIN	
06-12-93	10:08:33	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	10:08:36	* FAH04A	NORMAL	of 06-12-93 10:08:33	183
06-12-93	10:08:36	* TAH46	NORMAL	of 06-12-93 10:08:33	0
06-12-93	10:08:38	* TAH46	ACK	of 06-12-93 10:08:33	0
06-12-93	10:08:38	* FAH04A	ACK	of 06-12-93 10:08:33	183
06-12-93	10:08:38	* TAH46	ACK	of 06-12-93 10:08:24	0
06-12-93	10:08:39	FAL87	ACK	of 06-12-93 10:08:24	288
06-12-93	10:08:45	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	10:08:48	* TAH46	NORMAL	of 06-12-93 10:08:45	0
06-12-93	10:08:57	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	183 LB/MIN	
06-12-93	10:08:57	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	10:09:00	* FAH04A	NORMAL	of 06-12-93 10:08:57	180
06-12-93	10:09:00	* TAH46	NORMAL	of 06-12-93 10:08:57	0
06-12-93	10:09:03	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	10:09:12	* TAH46	NORMAL	of 06-12-93 10:09:03	0
06-12-93	10:09:15	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	10:09:15	TAH46	ACK	of 06-12-93 10:09:15	0
06-12-93	10:09:15	* TAH46	ACK	of 06-12-93 10:09:03	0
06-12-93	10:09:15	* TAH46	ACK	of 06-12-93 10:08:57	0
06-12-93	10:09:15	* FAH04A	ACK	of 06-12-93 10:08:57	181
06-12-93	10:09:16	* TAH46	ACK	of 06-12-93 10:08:45	0
06-12-93	10:09:18	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	185 LB/MIN	
06-12-93	10:09:18	TAH46	NORMAL	of 06-12-93 10:09:15	0
06-12-93	10:09:21	* FAH04A	NORMAL	of 06-12-93 10:09:18	183
06-12-93	10:09:21	* FAH04A	ACK	of 06-12-93 10:09:18	183
06-12-93	10:09:21	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	10:09:24	* TAH46	NORMAL	of 06-12-93 10:09:21	0
06-12-93	10:09:27	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	10:09:27	TAH46	ACK	of 06-12-93 10:09:27	0
06-12-93	10:09:27	* TAH46	ACK	of 06-12-93 10:09:21	0
06-12-93	10:09:33	TAH46	NORMAL	of 06-12-93 10:09:27	0
06-12-93	10:09:39	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	10:09:42	* TAH46	NORMAL	of 06-12-93 10:09:39	0
06-12-93	10:09:45	* TAH46	ACK	of 06-12-93 10:09:39	0
06-12-93	10:09:45	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	
06-12-93	10:09:51	* TAH46	NORMAL	of 06-12-93 10:09:45	0
06-12-93	10:09:57	AAL56	NORMAL	of 06-12-93 10:08:15	5.26
06-12-93	10:09:57	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	184 LB/MIN	
06-12-93	10:10:00	* FAH04A	NORMAL	of 06-12-93 10:09:57	182
06-12-93	10:10:06	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F	

06-12-93	10:10:09	* TAH46	NORMAL of 06-12-93 10:10:06	0
06-12-93	10:10:12	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-12-93	10:10:13	TAH46	ACK of 06-12-93 10:10:12	0
06-12-93	10:10:13	* TAH46	ACK of 06-12-93 10:10:06	0
06-12-93	10:10:13	* FAH04A	ACK of 06-12-93 10:09:57	182
06-12-93	10:10:13	* TAH46	ACK of 06-12-93 10:09:45	0
06-12-93	10:10:15	TAH46	NORMAL of 06-12-93 10:10:12	0
06-12-93	10:10:18	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	0
06-12-93	10:10:18	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-12-93	10:10:21	* FAH04A	NORMAL of 06-12-93 10:10:18	185
06-12-93	10:10:21	* TAH46	NORMAL of 06-12-93 10:10:18	0
06-12-93	10:10:27	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-12-93	10:10:29	TAH46	ACK of 06-12-93 10:10:27	0
06-12-93	10:10:29	* TAH46	ACK of 06-12-93 10:10:18	0
06-12-93	10:10:29	* FAH04A	ACK of 06-12-93 10:10:18	180
06-12-93	10:10:33	TAH46	NORMAL of 06-12-93 10:10:27	0
06-12-93	10:10:39	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-12-93	10:10:45	* TAH46	NORMAL of 06-12-93 10:10:39	0
06-12-93	10:10:48	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-12-93	10:10:54	* TAH46	NORMAL of 06-12-93 10:10:48	0
06-12-93	10:11:00	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-12-93	10:11:06	* TAH46	NORMAL of 06-12-93 10:11:00	0
06-12-93	10:11:08	* TAH46	ACK of 06-12-93 10:11:00	0
06-12-93	10:11:08	* TAH46	ACK of 06-12-93 10:10:48	0
06-12-93	10:11:08	* TAH46	ACK of 06-12-93 10:10:39	0
06-12-93	10:11:18	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-12-93	10:11:24	* TAH46	NORMAL of 06-12-93 10:11:18	0
06-12-93	10:11:30	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-12-93	10:11:39	* TAH46	NORMAL of 06-12-93 10:11:30	0
06-12-93	10:11:51	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-12-93	10:11:51	TAH46	ACK of 06-12-93 10:11:51	0
06-12-93	10:11:52	* TAH46	ACK of 06-12-93 10:11:30	0
06-12-93	10:11:52	* TAH46	ACK of 06-12-93 10:11:18	0
06-12-93	10:11:57	TAH46	NORMAL of 06-12-93 10:11:51	0
06-12-93	10:12:00	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-12-93	10:12:06	* TAH46	NORMAL of 06-12-93 10:12:00	0
06-12-93	10:12:08	* TAH46	ACK of 06-12-93 10:12:00	0
06-12-93	10:12:09	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-12-93	10:12:12	* TAH46	NORMAL of 06-12-93 10:12:09	0
06-12-93	10:12:12	* TAH46	ACK of 06-12-93 10:12:09	0
06-12-93	10:12:15	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-12-93	10:12:18	* TAH46	NORMAL of 06-12-93 10:12:15	0
06-12-93	10:12:26	* TAH46	ACK of 06-12-93 10:12:15	0
06-12-93	10:12:27	* FALL87	LOW LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	0
06-12-93	10:12:30	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-12-93	10:12:33	TAH46	ACK of 06-12-93 10:12:30	0
06-12-93	10:12:33	FALL87	ACK of 06-12-93 10:12:27	0
06-12-93	10:12:36	TAH46	NORMAL of 06-12-93 10:12:30	0
06-12-93	10:12:45	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 183 LB/MIN	0
06-12-93	10:12:45	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-12-93	10:12:47	TAH46	ACK of 06-12-93 10:12:45	183
06-12-93	10:12:48	FAH04A	ACK of 06-12-93 10:12:45	183
06-12-93	10:12:48	FAH04A	NORMAL of 06-12-93 10:12:45	389
06-12-93	10:12:51	FAL87	NORMAL of 06-12-93 10:08:24	389
06-12-93	10:12:51	FALL87	NORMAL of 06-12-93 10:12:27	0
06-12-93	10:12:51	TAH46	NORMAL of 06-12-93 10:12:45	0
06-12-93	10:13:03	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	0
06-12-93	10:13:06	* TAH46	NORMAL of 06-12-93 10:13:03	0
06-12-93	10:13:06	* TAH46	ACK of 06-12-93 10:13:03	0
06-12-93	10:13:09	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 15 GPM	

06-12-93 10:13:09	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93 10:13:17	TAH46	ACK of 06-12-93 10:13:09	0
06-12-93 10:13:17	FAL87	ACK of 06-12-93 10:13:09	348
06-12-93 10:13:18	TAH46	NORMAL of 06-12-93 10:13:09	0
06-12-93 10:13:21	FAL87	NORMAL of 06-12-93 10:13:09	359
06-12-93 10:13:24	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	183 LB/MIN
06-12-93 10:13:30	* FAH04A	NORMAL of 06-12-93 10:13:24	184
06-12-93 10:13:30	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93 10:13:35	TAH46	ACK of 06-12-93 10:13:30	0
06-12-93 10:13:35	* FAH04A	ACK of 06-12-93 10:13:24	178
06-12-93 10:13:36	TAH46	NORMAL of 06-12-93 10:13:30	0
06-12-93 10:13:42	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93 10:13:45	* TAH46	NORMAL of 06-12-93 10:13:42	0
06-12-93 10:13:47	* TAH46	ACK of 06-12-93 10:13:42	0
06-12-93 10:13:48	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	184 LB/MIN
06-12-93 10:13:51	* FAH04A	NORMAL of 06-12-93 10:13:48	184
06-12-93 10:13:57	* TAH46	QUENCH SEPERATOR HIGH TEMP,	0 DEG F
06-12-93 10:13:58	TAH46	ACK of 06-12-93 10:13:57	0
06-12-93 10:13:58	* FAH04A	ACK of 06-12-93 10:13:48	180
06-12-93 10:14:03	TAH46	NORMAL of 06-12-93 10:13:57	0

		New History File	
06-12-93	10:14:03		
06-12-93	10:14:09	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 182 LB/MIN
06-12-93	10:14:12	* FAH04A	NORMAL of 06-12-93 10:14:09 182
06-12-93	10:14:12	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F
06-12-93	10:14:21	* TAH46	NORMAL of 06-12-93 10:14:12 0
06-12-93	10:14:22	* TAH46	ACK of 06-12-93 10:14:12 0
06-12-93	10:14:22	* FAH04A	ACK of 06-12-93 10:14:09 182
06-12-93	10:14:24	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F
06-12-93	10:14:27	* TAH46	NORMAL of 06-12-93 10:14:24 0
06-12-93	10:14:30	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN
06-12-93	10:14:30	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F
06-12-93	10:14:33	* FAH04A	NORMAL of 06-12-93 10:14:30 183
06-12-93	10:14:33	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 294 GPM
06-12-93	10:14:42	FAL87	ACK of 06-12-93 10:14:33 292
06-12-93	10:14:42	TAH46	ACK of 06-12-93 10:14:30 0
06-12-93	10:14:42	* FAH04A	ACK of 06-12-93 10:14:30 178
06-12-93	10:14:42	* TAH46	ACK of 06-12-93 10:14:24 0
06-12-93	10:14:51	TAH46	NORMAL of 06-12-93 10:14:30 0
06-12-93	10:14:57	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F
06-12-93	10:15:06	* TAH46	NORMAL of 06-12-93 10:14:57 0
06-12-93	10:15:09	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F
06-12-93	10:15:27	* TAH46	NORMAL of 06-12-93 10:15:09 0
06-12-93	10:15:30	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F
06-12-93	10:15:42	* TAH46	NORMAL of 06-12-93 10:15:30 0
06-12-93	10:15:48	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F
06-12-93	10:15:51	* TAH46	NORMAL of 06-12-93 10:15:48 0
06-12-93	10:15:54	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F
06-12-93	10:16:17	TAH46	ACK of 06-12-93 10:15:54 0
06-12-93	10:16:17	* TAH46	ACK of 06-12-93 10:15:48 0
06-12-93	10:16:17	* TAH46	ACK of 06-12-93 10:15:30 0
06-12-93	10:16:17	* TAH46	ACK of 06-12-93 10:15:09 0
06-12-93	10:16:17	* TAH46	ACK of 06-12-93 10:14:57 0
06-12-93	10:18:36	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 183 LB/MIN
06-12-93	10:18:54	* FAH04A	NORMAL of 06-12-93 10:18:36 177
06-12-93	10:18:57	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN
06-12-93	10:18:57	FAL87	NORMAL of 06-12-93 10:14:33 392
06-12-93	10:18:57	FAH04A	ACK of 06-12-93 10:18:57 184
06-12-93	10:18:57	* FAH04A	ACK of 06-12-93 10:18:36 184
06-12-93	10:19:00	FAH04A	NORMAL of 06-12-93 10:18:57 181
06-12-93	10:19:18	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN
06-12-93	10:19:24	* FAH04A	NORMAL of 06-12-93 10:19:18 183
06-12-93	10:20:01	* FAH04A	ACK of 06-12-93 10:19:18 185
06-12-93	10:20:24	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 293 GPM
06-12-93	10:20:59	FAL87	ACK of 06-12-93 10:20:24 286
06-12-93	10:21:57	* AAH71	HIGH SO2, 361.8 PPM
06-12-93	10:22:14	AAH71	ACK of 06-12-93 10:21:57 395.5
06-12-93	10:22:45	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.2 PH
06-12-93	10:22:48	AAL56	ACK of 06-12-93 10:22:45 5.24
06-12-93	10:23:12	AAH71	NORMAL of 06-12-93 10:21:57 340.3
06-12-93	10:24:48	* FALL87	LOW LOW FLOW QUENCH RECIRC, FLOW= 0 GPM
06-12-93	10:24:56	FALL87	ACK of 06-12-93 10:24:48 0
06-12-93	10:25:21	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN
06-12-93	10:25:24	AAL56	NORMAL of 06-12-93 10:22:45 5.27
06-12-93	10:25:24	* FAH04A	NORMAL of 06-12-93 10:25:21 180
06-12-93	10:25:32	* FAH04A	ACK of 06-12-93 10:25:21 180
06-12-93	10:26:24	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN
06-12-93	10:26:27	* FAH04A	NORMAL of 06-12-93 10:26:24 184
06-12-93	10:26:30	* FAH04A	ACK of 06-12-93 10:26:24 179
06-12-93	10:30:09	FAL87	NORMAL of 06-12-93 10:20:24 0
06-12-93	10:30:09	FALL87	NORMAL of 06-12-93 10:24:48 0

06-12-93 10:30:39	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 295 GPM	
06-12-93 10:30:43	FAL87	ACK of 06-12-93 10:30:39	295
06-12-93 10:31:00	FAL87	NORMAL of 06-12-93 10:30:39	355
06-12-93 10:31:30	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 183 LB/MIN	
06-12-93 10:31:33	* FAH04A	NORMAL of 06-12-93 10:31:30	181
06-12-93 10:31:54	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 183 LB/MIN	
06-12-93 10:31:54	TAH46	NORMAL of 06-12-93 10:15:54	0
06-12-93 10:31:57	* FAH04A	NORMAL of 06-12-93 10:31:54	183
06-12-93 10:31:57	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-12-93 10:32:00	TAH46	ACK of 06-12-93 10:31:57	0
06-12-93 10:32:01	* FAH04A	ACK of 06-12-93 10:31:54	178
06-12-93 10:32:01	* FAH04A	ACK of 06-12-93 10:31:30	178
06-12-93 10:32:03	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 299 GPM	
06-12-93 10:32:06	TAH46	NORMAL of 06-12-93 10:31:57	0
06-12-93 10:32:08	FAL87	ACK of 06-12-93 10:32:03	291
06-12-93 10:32:15	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-12-93 10:32:28	TAH46	ACK of 06-12-93 10:32:15	0
06-12-93 10:34:12	TAH46	NORMAL of 06-12-93 10:32:15	0
06-12-93 10:34:18	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93 10:34:18	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-12-93 10:34:21	* FAH04A	NORMAL of 06-12-93 10:34:18	181
06-12-93 10:34:27	FAL87	NORMAL of 06-12-93 10:32:03	0
06-12-93 10:34:50	TAH46	ACK of 06-12-93 10:34:18	0
06-12-93 10:34:50	* FAH04A	ACK of 06-12-93 10:34:18	178
06-12-93 10:35:00	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 291 GPM	
06-12-93 10:35:03	FAL87	ACK of 06-12-93 10:35:00	291
06-12-93 10:35:06	FAL87	NORMAL of 06-12-93 10:35:00	292
06-12-93 10:35:09	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 292 GPM	
06-12-93 10:35:25	FAL87	ACK of 06-12-93 10:35:09	279
06-12-93 10:37:39	* FALL87	LOW LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-12-93 10:37:53	FALL87	ACK of 06-12-93 10:37:39	0
06-12-93 10:38:45	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 183 LB/MIN	
06-12-93 10:38:48	* FAH04A	NORMAL of 06-12-93 10:38:45	183
06-12-93 10:38:51	* FAH04A	ACK of 06-12-93 10:38:45	179
06-12-93 10:40:27	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 183 LB/MIN	
06-12-93 10:40:30	* FAH04A	NORMAL of 06-12-93 10:40:27	184
06-12-93 10:40:34	* FAH04A	ACK of 06-12-93 10:40:27	178
06-12-93 10:40:51	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93 10:40:52	FAH04A	ACK of 06-12-93 10:40:51	182
06-12-93 10:40:54	FAH04A	NORMAL of 06-12-93 10:40:51	182
06-12-93 10:41:12	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 183 LB/MIN	
06-12-93 10:41:15	* FAH04A	NORMAL of 06-12-93 10:41:12	182
06-12-93 10:41:22	* FAH04A	ACK of 06-12-93 10:41:12	180
06-12-93 10:43:03	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.3 PH	
06-12-93 10:43:07	AAL56	ACK of 06-12-93 10:43:03	5.24
06-12-93 10:43:18	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 183 LB/MIN	
06-12-93 10:43:24	* FAH04A	NORMAL of 06-12-93 10:43:18	180
06-12-93 10:43:26	* FAH04A	ACK of 06-12-93 10:43:18	180
06-12-93 10:43:42	AAL56	NORMAL of 06-12-93 10:43:03	5.25
06-12-93 10:43:45	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.2 PH	
06-12-93 10:43:48	* AAL56	NORMAL of 06-12-93 10:43:45	5.25
06-12-93 10:43:48	* AAL56	ACK of 06-12-93 10:43:45	5.25
06-12-93 10:43:54	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.3 PH	
06-12-93 10:43:57	* AAL56	NORMAL of 06-12-93 10:43:54	5.25
06-12-93 10:44:08	* AAL56	ACK of 06-12-93 10:43:54	5.27
06-12-93 10:46:09	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93 10:46:15	FAH04A	ACK of 06-12-93 10:46:09	180
06-12-93 10:46:30	FAH04A	NORMAL of 06-12-93 10:46:09	180
06-12-93 10:49:09	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93 10:49:12	* FAH04A	NORMAL of 06-12-93 10:49:09	184

06-12-93	10:49:39	* FAH04A	ACK of 06-12-93 10:49:09	179
06-12-93	10:50:54	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	184 LB/MIN
06-12-93	10:50:57	* FAH04A	NORMAL of 06-12-93 10:50:54	180
06-12-93	10:50:57	* FAH04A	ACK of 06-12-93 10:50:54	180
06-12-93	10:51:15	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	184 LB/MIN
06-12-93	10:51:18	* FAH04A	NORMAL of 06-12-93 10:51:15	183
06-12-93	10:51:20	* FAH04A	ACK of 06-12-93 10:51:15	183
06-12-93	10:51:36	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	184 LB/MIN
06-12-93	10:51:39	* FAH04A	NORMAL of 06-12-93 10:51:36	182
06-12-93	10:53:12	FAL87	NORMAL of 06-12-93 10:35:09	447
06-12-93	10:53:12	FALL87	NORMAL of 06-12-93 10:37:39	447
06-12-93	10:53:13	* FAH04A	ACK of 06-12-93 10:51:36	184
06-12-93	10:53:15	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	184 LB/MIN
06-12-93	10:53:21	* FAH04A	NORMAL of 06-12-93 10:53:15	182
06-12-93	10:53:57	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	181 LB/MIN
06-12-93	10:54:00	* FAH04A	NORMAL of 06-12-93 10:53:57	184
06-12-93	10:54:17	* FAH04A	ACK of 06-12-93 10:53:57	185
06-12-93	10:54:17	* FAH04A	ACK of 06-12-93 10:53:15	185
06-12-93	10:54:18	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	185 LB/MIN
06-12-93	10:54:21	* FAH04A	NORMAL of 06-12-93 10:54:18	181
06-12-93	10:54:21	* P_THC_F	CEM (PRI) - THC ANALYZER FLAME OUT	
06-12-93	10:54:24	* AAH68	HIGH THC, 5.00 PPM	
06-12-93	10:54:24	* P_THC_F	NORMAL of 06-12-93 10:54:21	
06-12-93	10:54:27	* AAH68	NORMAL of 06-12-93 10:54:24	5
06-12-93	10:54:38	* AAH68	ACK of 06-12-93 10:54:24	5
06-12-93	10:54:38	* P_THC_F	ACK of 06-12-93 10:54:21	
06-12-93	10:54:38	* FAH04A	ACK of 06-12-93 10:54:18	183
06-12-93	10:55:57	PAH103B	NORMAL of 06-12-93 04:39:03	
06-12-93	10:55:57	* AAH68	HIGH THC, 999999.90 PPM	
06-12-93	10:56:00	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	184 LB/MIN
06-12-93	10:56:00	FAH04A	ACK of 06-12-93 10:56:00	184
06-12-93	10:56:00	AAH68	ACK of 06-12-93 10:55:57	1e+006
06-12-93	10:56:03	FAH04A	NORMAL of 06-12-93 10:56:00	184
06-12-93	10:56:06	AAH68	NORMAL of 06-12-93 10:55:57	6.1
06-12-93	10:57:03	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	185 LB/MIN
06-12-93	10:57:06	* FAH04A	NORMAL of 06-12-93 10:57:03	180
06-12-93	10:57:12	* FAH04A	ACK of 06-12-93 10:57:03	179
06-12-93	10:58:03	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	185 LB/MIN
06-12-93	10:58:06	* FAH04A	NORMAL of 06-12-93 10:58:03	182
06-12-93	10:58:24	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	183 LB/MIN
06-12-93	10:58:27	* FAH04A	NORMAL of 06-12-93 10:58:24	183
06-12-93	10:58:45	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	184 LB/MIN
06-12-93	10:58:48	* FAH04A	NORMAL of 06-12-93 10:58:45	184
06-12-93	10:59:06	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	185 LB/MIN
06-12-93	10:59:06	LAL105	NORMAL of 06-12-93 08:04:00	1997
06-12-93	10:59:09	* FAH04A	NORMAL of 06-12-93 10:59:06	185
06-12-93	10:59:27	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	186 LB/MIN
06-12-93	10:59:30	* AAL56	SCRUBBER/VENTURI RECYCLE PH	LOW, 5.3 PH
06-12-93	10:59:30	* FAH04A	NORMAL of 06-12-93 10:59:27	182
06-12-93	10:59:48	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	185 LB/MIN
06-12-93	10:59:51	* AAL56	NORMAL of 06-12-93 10:59:30	5.25
06-12-93	10:59:51	* FAH04A	NORMAL of 06-12-93 10:59:48	185
06-12-93	11:00:00	* FAH04A	ACK of 06-12-93 10:59:48	183
06-12-93	11:00:03	* AAL56	ACK of 06-12-93 10:59:30	5.25
06-12-93	11:00:03	* FAH04A	ACK of 06-12-93 10:59:27	183
06-12-93	11:00:04	* FAH04A	ACK of 06-12-93 10:59:06	186
06-12-93	11:00:04	* FAH04A	ACK of 06-12-93 10:58:45	186
06-12-93	11:00:04	* FAH04A	ACK of 06-12-93 10:58:24	186
06-12-93	11:00:04	* FAH04A	ACK of 06-12-93 10:58:03	186
06-12-93	11:00:06	* AAL56	SCRUBBER/VENTURI RECYCLE PH	LOW, 5.3 PH

06-12-93	11:00:06	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	186 LB/MIN
06-12-93	11:00:10	FAH04A	ACK of 06-12-93 11:00:06	186
06-12-93	11:00:10	AAL56	ACK of 06-12-93 11:00:06	5.25
06-12-93	11:00:12	AAL56	NORMAL of 06-12-93 11:00:06	5.25
06-12-93	11:00:12	FAH04A	NORMAL of 06-12-93 11:00:06	180
06-12-93	11:00:48	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	183 LB/MIN
06-12-93	11:00:51	* FAH04A	NORMAL of 06-12-93 11:00:48	183
06-12-93	11:01:09	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	183 LB/MIN
06-12-93	11:01:12	* FAH04A	NORMAL of 06-12-93 11:01:09	183
06-12-93	11:01:19	* FAH04A	ACK of 06-12-93 11:01:09	179
06-12-93	11:01:19	* FAH04A	ACK of 06-12-93 11:00:48	179
06-12-93	11:01:30	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	183 LB/MIN
06-12-93	11:01:33	* FAH04A	NORMAL of 06-12-93 11:01:30	183
06-12-93	11:01:51	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	185 LB/MIN
06-12-93	11:02:00	FAH04A	ACK of 06-12-93 11:01:51	179
06-12-93	11:02:00	* FAH04A	ACK of 06-12-93 11:01:30	179
06-12-93	11:02:12	FAH04A	NORMAL of 06-12-93 11:01:51	184
06-12-93	11:02:15	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	184 LB/MIN
06-12-93	11:02:19	FAH04A	ACK of 06-12-93 11:02:15	180
06-12-93	11:02:33	FAH04A	NORMAL of 06-12-93 11:02:15	184
06-12-93	11:02:54	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	183 LB/MIN
06-12-93	11:02:56	FAH04A	ACK of 06-12-93 11:02:54	183
06-12-93	11:03:18	FAH04A	NORMAL of 06-12-93 11:02:54	181
06-12-93	11:05:39	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	185 LB/MIN
06-12-93	11:05:42	* FAH04A	NORMAL of 06-12-93 11:05:39	182
06-12-93	11:06:39	* FAH04A	ACK of 06-12-93 11:05:39	184
06-12-93	11:06:42	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	183 LB/MIN
06-12-93	11:06:44	FAH04A	ACK of 06-12-93 11:06:42	183
06-12-93	11:06:45	FAH04A	NORMAL of 06-12-93 11:06:42	183
06-12-93	11:07:24	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	185 LB/MIN
06-12-93	11:07:27	* FAH04A	NORMAL of 06-12-93 11:07:24	185
06-12-93	11:08:09	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	181 LB/MIN
06-12-93	11:08:12	* FAH04A	NORMAL of 06-12-93 11:08:09	181

06-12-93 11:14:33		Initial History	
06-12-93 11:14:33	* XFER2CAN	STORAGE TO DAY TANK TRANSFER CANCELLED	
06-12-93 11:14:34	* FAD15A	DEV ALARM AIR INJECTOR A, FLOW= 73 SCFM	
06-12-93 11:14:35	* LAH101	HIGH LEVEL TANK 101, LEV= 1320322 GAL	
06-12-93 11:14:36	* LAH102	HIGH LEVEL TANK 102, LEV= 1052777 GAL	
06-12-93 11:14:36	* LAH103	HIGH LEVEL TANK 103, LEV= 1320322 GAL	
06-12-93 11:14:37	* LAH104	HI LEV WASTE WATER TANK 104, LEV= 21648 GAL	
06-12-93 11:14:38	* LAH402DB	HI LVL BRINE/CAUSTIC TANK 402B	
06-12-93 11:14:39	* LAH402DC	HI LVL BRINE/CAUSTIC TANK 402C	
06-12-93 11:14:39	* LAH409	HI LVL TRUCK LOADING SUMP TK409	
06-12-93 11:14:40	* TAH46	QUENCH SEPERATOR HIGH TEMP, 0 DEG F	
06-12-93 11:14:41	* LAH406	HI LEVEL MAINT AREA SUMP TK 406	
06-12-93 11:14:42	* LAH404	HI LEVEL DAY TANK SUMP TANK 404	
06-12-93 11:14:42	* LAH403	HI LVL SQI PROCESS SUMP TK 403	
06-12-93 11:14:44	* FAL04B	LOW WASTE RECYCLE FLOW, FLOW= 320 LB/MIN	
06-12-93 11:14:45	* LAH116	PUMP HOUSE #1 HIGH SUMP LEVEL	
06-12-93 11:14:46	* PAL114C	LOW SEAL PRESSURE P101A AND P101B	
06-12-93 11:14:47	* PAL101	PIT-101A TRANSMITTER MALFUNCTION	
06-12-93 11:14:48	* TAH530	BURNER CAMERA HIGH TEMPERATURE	
06-12-93 11:14:50	* XFER2_C	STORAGE TO DAY TANKS COMPLETE	
06-12-93 11:14:50	* XFER3_C	WASTE FEED TO DAY TANK TRANSFER COMPLETE	
06-12-93 11:14:50	* SEAL88A	TK-201 MIXER (M-204) SEAL ALARM	
06-12-93 11:14:52	* SEAL88B	TK-202 MIXER (M-205) SEAL ALARM	
06-12-93 11:14:53	* WF_ON	WASTE FEED ON	
06-12-93 11:14:54	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.2 PH	
06-12-93 11:14:57	AAL56	ACK of 06-12-93 11:14:54	5.23
06-12-93 11:14:57	WF_ON	ACK of 06-12-93 11:14:53	
06-12-93 11:14:57	SEAL88B	ACK of 06-12-93 11:14:52	
06-12-93 11:14:57	SEAL88A	ACK of 06-12-93 11:14:50	
06-12-93 11:14:57	XFER3_C	ACK of 06-12-93 11:14:50	
06-12-93 11:14:57	XFER2_C	ACK of 06-12-93 11:14:50	
06-12-93 11:14:58	TAH530	ACK of 06-12-93 11:14:48	
06-12-93 11:14:58	PAL101	ACK of 06-12-93 11:14:47	
06-12-93 11:14:58	PAL114C	ACK of 06-12-93 11:14:46	
06-12-93 11:14:58	LAH116	ACK of 06-12-93 11:14:45	
06-12-93 11:14:58	FAL04B	ACK of 06-12-93 11:14:44	318
06-12-93 11:14:58	LAH403	ACK of 06-12-93 11:14:42	
06-12-93 11:14:59	LAH404	ACK of 06-12-93 11:14:42	
06-12-93 11:14:59	LAH406	ACK of 06-12-93 11:14:41	
06-12-93 11:14:59	TAH46	ACK of 06-12-93 11:14:40	0
06-12-93 11:14:59	LAH409	ACK of 06-12-93 11:14:39	
06-12-93 11:14:59	LAH402DC	ACK of 06-12-93 11:14:39	
06-12-93 11:14:59	LAH402DB	ACK of 06-12-93 11:14:38	
06-12-93 11:14:59	LAH104	ACK of 06-12-93 11:14:37	2.17e+004
06-12-93 11:14:59	LAH103	ACK of 06-12-93 11:14:36	1.32e+006
06-12-93 11:15:00	LAH102	ACK of 06-12-93 11:14:36	1.05e+006
06-12-93 11:15:04	LAH101	ACK of 06-12-93 11:14:35	1.32e+006
06-12-93 11:15:04	FAD15A	ACK of 06-12-93 11:14:34	75
06-12-93 11:15:04	XFER2CAN	ACK of 06-12-93 11:14:33	
06-12-93 11:15:04	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 183 LB/MIN	
06-12-93 11:15:05	* FAD15D	DEV ALARM AIR INJECTOR D, FLOW= 85 SCFM	
06-12-93 11:15:09	FAD15D	ACK of 06-12-93 11:15:05	88
06-12-93 11:15:09	FAH04A	ACK of 06-12-93 11:15:04	178
06-12-93 11:15:21	FAH04A	NORMAL of 06-12-93 11:15:04	182
06-12-93 11:15:48	AAL56	NORMAL of 06-12-93 11:14:54	5.26
06-12-93 11:15:54	FAD15D	NORMAL of 06-12-93 11:15:05	85
06-12-93 11:16:03	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93 11:16:14	FAH04A	ACK of 06-12-93 11:16:03	181
06-12-93 11:16:27	FAH04A	NORMAL of 06-12-93 11:16:03	182
06-12-93 11:16:45	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	

06-12-93	11:16:45	* FAD15D	DEV ALARM AIR INJECTOR D, FLOW= 84 SCFM	
06-12-93	11:16:51	* FAH04A	NORMAL of 06-12-93 11:16:45	181
06-12-93	11:16:54	* FAD15D	NORMAL of 06-12-93 11:16:45	89
06-12-93	11:16:55	* FAD15D	ACK of 06-12-93 11:16:45	89
06-12-93	11:16:55	* FAH04A	ACK of 06-12-93 11:16:45	179
06-12-93	11:17:03	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93	11:17:09	FAH04A	ACK of 06-12-93 11:17:03	181
06-12-93	11:17:12	FAH04A	NORMAL of 06-12-93 11:17:03	181
06-12-93	11:17:24	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	11:17:30	* FAH04A	NORMAL of 06-12-93 11:17:24	184
06-12-93	11:17:30	* FAH04A	ACK of 06-12-93 11:17:24	184
06-12-93	11:17:45	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 183 LB/MIN	
06-12-93	11:17:51	* FAH04A	NORMAL of 06-12-93 11:17:45	184
06-12-93	11:17:52	* FAH04A	ACK of 06-12-93 11:17:45	181
06-12-93	11:18:03	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 182 LB/MIN	
06-12-93	11:18:11	FAH04A	ACK of 06-12-93 11:18:03	182
06-12-93	11:18:12	FAH04A	NORMAL of 06-12-93 11:18:03	182
06-12-93	11:18:27	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 187 LB/MIN	
06-12-93	11:18:33	* FAH04A	NORMAL of 06-12-93 11:18:27	183
06-12-93	11:18:45	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 186 LB/MIN	
06-12-93	11:18:51	* FAH04A	NORMAL of 06-12-93 11:18:45	184
06-12-93	11:19:04	* FAH04A	ACK of 06-12-93 11:18:45	182
06-12-93	11:19:04	* FAH04A	ACK of 06-12-93 11:18:27	182
06-12-93	11:19:06	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 182 LB/MIN	
06-12-93	11:19:09	FAH04A	ACK of 06-12-93 11:19:06	184
06-12-93	11:19:15	FAH04A	NORMAL of 06-12-93 11:19:06	181
06-12-93	11:19:27	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 187 LB/MIN	
06-12-93	11:19:33	* FAH04A	NORMAL of 06-12-93 11:19:27	183
06-12-93	11:20:01	* FAH04A	ACK of 06-12-93 11:19:27	180
06-12-93	11:20:48	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	11:20:48	* AAH70	HIGH CO, 104.20 PPM	
06-12-93	11:20:51	* FAH04A	NORMAL of 06-12-93 11:20:48	182
06-12-93	11:20:53	AAH70	ACK of 06-12-93 11:20:48	103.6
06-12-93	11:20:53	* FAH04A	ACK of 06-12-93 11:20:48	182
06-12-93	11:20:57	AAH70	NORMAL of 06-12-93 11:20:48	79.1
06-12-93	11:22:09	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 183 LB/MIN	
06-12-93	11:22:11	FAH04A	ACK of 06-12-93 11:22:09	183
06-12-93	11:22:12	FAH04A	NORMAL of 06-12-93 11:22:09	183
06-12-93	11:22:27	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	11:22:29	FAH04A	ACK of 06-12-93 11:22:27	185
06-12-93	11:22:33	FAH04A	NORMAL of 06-12-93 11:22:27	183
06-12-93	11:22:48	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	11:22:54	* FAH04A	NORMAL of 06-12-93 11:22:48	185
06-12-93	11:22:54	* FAH04A	ACK of 06-12-93 11:22:48	185
06-12-93	11:23:09	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	11:23:12	* FAH04A	NORMAL of 06-12-93 11:23:09	183
06-12-93	11:23:19	* FAH04A	ACK of 06-12-93 11:23:09	180
06-12-93	11:23:27	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 183 LB/MIN	
06-12-93	11:23:33	* FAH04A	NORMAL of 06-12-93 11:23:27	185
06-12-93	11:23:33	* FAH04A	ACK of 06-12-93 11:23:27	185
06-12-93	11:23:48	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	11:23:57	* FAH04A	NORMAL of 06-12-93 11:23:48	182
06-12-93	11:24:09	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 324 GPM	
06-12-93	11:24:12	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 182 LB/MIN	
06-12-93	11:24:12	FAH04A	ACK of 06-12-93 11:24:12	182
06-12-93	11:24:12	FAL87	ACK of 06-12-93 11:24:09	324
06-12-93	11:24:12	* FAH04A	ACK of 06-12-93 11:23:48	182
06-12-93	11:24:12	FAL87	NORMAL of 06-12-93 11:24:09	324
06-12-93	11:24:15	FAH04A	NORMAL of 06-12-93 11:24:12	182
06-12-93	11:24:18	* AAH70	HIGH CO, 110.20 PPM	

06-12-93	11:24:21	AAH70	ACK of 06-12-93 11:24:18	117.2
06-12-93	11:24:33	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	181 LB/MIN
06-12-93	11:24:33	AAH70	NORMAL of 06-12-93 11:24:18	83.3
06-12-93	11:24:39	* FAH04A	NORMAL of 06-12-93 11:24:33	180
06-12-93	11:24:42	* FAH04A	ACK of 06-12-93 11:24:33	180
06-12-93	11:24:51	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	187 LB/MIN
06-12-93	11:24:58	FAH04A	ACK of 06-12-93 11:24:51	185
06-12-93	11:25:39	FAH04A	NORMAL of 06-12-93 11:24:51	182
06-12-93	11:25:54	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	185 LB/MIN
06-12-93	11:25:56	FAH04A	ACK of 06-12-93 11:25:54	184
06-12-93	11:26:18	FAH04A	NORMAL of 06-12-93 11:25:54	181
06-12-93	11:26:36	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	183 LB/MIN
06-12-93	11:26:39	* FAH04A	NORMAL of 06-12-93 11:26:36	182
06-12-93	11:26:54	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	185 LB/MIN
06-12-93	11:27:00	* FAH04A	NORMAL of 06-12-93 11:26:54	183
06-12-93	11:27:05	* FAH04A	ACK of 06-12-93 11:26:54	180
06-12-93	11:27:05	* FAH04A	ACK of 06-12-93 11:26:36	180
06-12-93	11:27:15	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	185 LB/MIN
06-12-93	11:27:18	FAH04A	ACK of 06-12-93 11:27:15	185
06-12-93	11:27:21	FAH04A	NORMAL of 06-12-93 11:27:15	181
06-12-93	11:27:57	* AAH71	HIGH SO2, 359.8 PPM	
06-12-93	11:28:00	AAH71	ACK of 06-12-93 11:27:57	382.3
06-12-93	11:28:21	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	184 LB/MIN
06-12-93	11:28:21	* FAD15D	DEV ALARM AIR INJECTOR D, FLOW=	86 SCFM
06-12-93	11:28:23	FAD15D	ACK of 06-12-93 11:28:21	86
06-12-93	11:28:24	FAH04A	ACK of 06-12-93 11:28:21	184
06-12-93	11:28:24	FAH04A	NORMAL of 06-12-93 11:28:21	184
06-12-93	11:28:33	FAD15D	NORMAL of 06-12-93 11:28:21	86
06-12-93	11:28:42	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	180 LB/MIN
06-12-93	11:28:45	* FAH04A	NORMAL of 06-12-93 11:28:42	180
06-12-93	11:28:46	* FAH04A	ACK of 06-12-93 11:28:42	180
06-12-93	11:29:03	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	186 LB/MIN
06-12-93	11:29:06	* FAH04A	NORMAL of 06-12-93 11:29:03	182
06-12-93	11:29:12	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.2 PH	
06-12-93	11:29:12	* AAH70	HIGH CO, 102.00 PPM	
06-12-93	11:29:14	AAH70	ACK of 06-12-93 11:29:12	102
06-12-93	11:29:14	AAL56	ACK of 06-12-93 11:29:12	5.24
06-12-93	11:29:14	* FAH04A	ACK of 06-12-93 11:29:03	180
06-12-93	11:29:24	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	183 LB/MIN
06-12-93	11:29:24	AAH70	NORMAL of 06-12-93 11:29:12	77.9
06-12-93	11:29:27	* FAH04A	NORMAL of 06-12-93 11:29:24	183
06-12-93	11:29:45	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	184 LB/MIN
06-12-93	11:29:48	* FAH04A	NORMAL of 06-12-93 11:29:45	179
06-12-93	11:30:02	* FAH04A	ACK of 06-12-93 11:29:45	185
06-12-93	11:30:03	* FAH04A	ACK of 06-12-93 11:29:24	185
06-12-93	11:30:03	AAH71	NORMAL of 06-12-93 11:27:57	368.6
06-12-93	11:30:06	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	181 LB/MIN
06-12-93	11:30:30	* FAH04A	NORMAL of 06-12-93 11:30:06	182
06-12-93	11:31:00	* AAH70	HIGH CO, 114.80 PPM	
06-12-93	11:31:06	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	185 LB/MIN
06-12-93	11:31:09	* FAH04A	NORMAL of 06-12-93 11:31:06	185
06-12-93	11:31:23	* FAH04A	ACK of 06-12-93 11:31:06	181
06-12-93	11:31:23	AAH70	ACK of 06-12-93 11:31:00	101.5
06-12-93	11:31:23	* FAH04A	ACK of 06-12-93 11:30:06	181
06-12-93	11:31:24	AAH70	NORMAL of 06-12-93 11:31:00	89.6
06-12-93	11:31:36	* FAL87	LOW FLOW QUENCH RECIRC, FLOW=	292 GPM
06-12-93	11:31:45	* FAL87	NORMAL of 06-12-93 11:31:36	296
06-12-93	11:31:48	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	185 LB/MIN
06-12-93	11:31:48	* FAL87	LOW FLOW QUENCH RECIRC, FLOW=	296 GPM
06-12-93	11:31:51	* FAH04A	NORMAL of 06-12-93 11:31:48	181

06-12-93	11:31:51	* FAL87	NORMAL of 06-12-93 11:31:48	309
06-12-93	11:31:59	* FAL87	ACK of 06-12-93 11:31:48	306
06-12-93	11:31:59	* FAH04A	ACK of 06-12-93 11:31:48	179
06-12-93	11:31:59	* FAL87	ACK of 06-12-93 11:31:36	306
06-12-93	11:32:09	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 183 LB/MIN	
06-12-93	11:32:15	* FAH04A	NORMAL of 06-12-93 11:32:09	182
06-12-93	11:32:18	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 301 GPM	
06-12-93	11:32:21	* FAL87	NORMAL of 06-12-93 11:32:18	301
06-12-93	11:32:29	* FAL87	ACK of 06-12-93 11:32:18	302
06-12-93	11:32:29	* FAH04A	ACK of 06-12-93 11:32:09	183
06-12-93	11:32:30	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 181 LB/MIN	
06-12-93	11:32:33	* FAH04A	NORMAL of 06-12-93 11:32:30	181
06-12-93	11:32:42	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 307 GPM	
06-12-93	11:32:45	* FAL87	NORMAL of 06-12-93 11:32:42	307
06-12-93	11:33:00	* FAL87	ACK of 06-12-93 11:32:42	300
06-12-93	11:33:00	* FAH04A	ACK of 06-12-93 11:32:30	178
06-12-93	11:33:03	LAH406	NORMAL of 06-12-93 11:14:41	
06-12-93	11:33:33	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 302 GPM	
06-12-93	11:33:36	* FAL87	NORMAL of 06-12-93 11:33:33	302
06-12-93	11:33:45	AAL56	NORMAL of 06-12-93 11:29:12	5.25
06-12-93	11:33:45	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 300 GPM	
06-12-93	11:33:54	* FAL87	NORMAL of 06-12-93 11:33:45	300
06-12-93	11:33:56	* FAL87	ACK of 06-12-93 11:33:45	300
06-12-93	11:33:56	* FAL87	ACK of 06-12-93 11:33:33	300
06-12-93	11:34:06	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 303 GPM	
06-12-93	11:34:12	* FAL87	NORMAL of 06-12-93 11:34:06	297
06-12-93	11:34:18	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 299 GPM	
06-12-93	11:34:18	FAL87	ACK of 06-12-93 11:34:18	299
06-12-93	11:34:18	* FAL87	ACK of 06-12-93 11:34:06	299
06-12-93	11:34:21	FAL87	NORMAL of 06-12-93 11:34:18	299
06-12-93	11:34:24	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 302 GPM	
06-12-93	11:34:27	* FAL87	NORMAL of 06-12-93 11:34:24	302
06-12-93	11:34:30	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 302 GPM	
06-12-93	11:34:45	FAL87	ACK of 06-12-93 11:34:30	290
06-12-93	11:34:45	* FAL87	ACK of 06-12-93 11:34:24	290
06-12-93	11:35:06	FAL87	NORMAL of 06-12-93 11:34:30	299
06-12-93	11:35:09	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 299 GPM	
06-12-93	11:35:12	FAL87	ACK of 06-12-93 11:35:09	293
06-12-93	11:35:54	FAL87	NORMAL of 06-12-93 11:35:09	294
06-12-93	11:36:00	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 297 GPM	
06-12-93	11:36:03	* FAL87	NORMAL of 06-12-93 11:36:00	297
06-12-93	11:36:06	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 301 GPM	
06-12-93	11:36:15	FAL87	ACK of 06-12-93 11:36:06	289
06-12-93	11:36:15	* FAL87	ACK of 06-12-93 11:36:00	289
06-12-93	11:37:00	* FAD15D	DEV ALARM AIR INJECTOR D, FLOW= 86 SCFM	
06-12-93	11:37:02	FAD15D	ACK of 06-12-93 11:37:00	86
06-12-93	11:37:54	* AAH70	HIGH CO, 112.60 PPM	
06-12-93	11:38:03	AAH70	ACK of 06-12-93 11:37:54	105.9
06-12-93	11:38:09	AAH70	NORMAL of 06-12-93 11:37:54	89.4
06-12-93	11:40:09	* FALL87	LOW LOW FLOW QUENCH RECIRC, FLOW= 0 GPM	
06-12-93	11:40:11	FALL87	ACK of 06-12-93 11:40:09	0
06-12-93	11:41:24	* AAH71	HIGH SO2, 374.5 PPM	
06-12-93	11:41:27	AAH71	ACK of 06-12-93 11:41:24	374.5
06-12-93	11:43:03	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.2 PH	
06-12-93	11:43:03	* AAH70	HIGH CO, 109.00 PPM	
06-12-93	11:43:05	AAH70	ACK of 06-12-93 11:43:03	109
06-12-93	11:43:06	AAL56	ACK of 06-12-93 11:43:03	5.17
06-12-93	11:43:21	FAD15D	NORMAL of 06-12-93 11:37:00	88
06-12-93	11:43:51	AAH70	NORMAL of 06-12-93 11:43:03	91.5
06-12-93	11:45:27	AAH71	NORMAL of 06-12-93 11:41:24	340.8

06-12-93	11:46:36	FAL87	NORMAL of 06-12-93 11:36:06	500
06-12-93	11:46:36	FALL87	NORMAL of 06-12-93 11:40:09	500
06-12-93	11:48:27	AAL56	NORMAL of 06-12-93 11:43:03	5.24
06-12-93	11:50:18	* PAL109	LO PRESS SAFETY SHOWER PUMPHOUSE 2	
06-12-93	11:50:36	PAL109	ACK of 06-12-93 11:50:18	
06-12-93	11:53:12	* FAD15B	DEV ALARM AIR INJECTOR B, FLOW= 85 SCFM	
06-12-93	11:53:18	FAD15B	ACK of 06-12-93 11:53:12	85
06-12-93	11:53:45	FAD15B	NORMAL of 06-12-93 11:53:12	89
06-12-93	11:54:09	* AAH68	HIGH THC, 5.60 PPM	
06-12-93	11:54:09	* P_THC_F	CEM (PRI) - THC ANALYZER FLAME OUT	
06-12-93	11:55:18	* FAD15B	DEV ALARM AIR INJECTOR B, FLOW= 86 SCFM	
06-12-93	11:55:27	* FAD15B	NORMAL of 06-12-93 11:55:18	89
06-12-93	11:55:27	* AAH71	HIGH SO2, 351.0 PPM	
06-12-93	11:55:31	AAH71	ACK of 06-12-93 11:55:27	372
06-12-93	11:55:31	* FAD15B	ACK of 06-12-93 11:55:18	85
06-12-93	11:55:31	P_THC_F	ACK of 06-12-93 11:54:09	
06-12-93	11:55:32	AAH68	ACK of 06-12-93 11:54:09	1e+006
06-12-93	11:55:48	AAH68	NORMAL of 06-12-93 11:54:09	6.8
06-12-93	11:55:57	* AAH68	HIGH THC, 6.80 PPM	
06-12-93	11:56:03	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.2 PH	
06-12-93	11:56:15	* FAD15B	DEV ALARM AIR INJECTOR B, FLOW= 85 SCFM	
06-12-93	11:56:20	* DEV_OFF	DEVELOPMENT PLC OFFLINE	
06-12-93	11:56:31	DEV_OFF	ACK of 06-12-93 11:56:20	
06-12-93	11:56:31	FAD15B	ACK of 06-12-93 11:56:15	84
06-12-93	11:56:31	AAL56	ACK of 06-12-93 11:56:03	5.22
06-12-93	11:56:31	AAH68	ACK of 06-12-93 11:55:57	8.7
06-12-93	11:56:36	* FAD15D	DEV ALARM AIR INJECTOR D, FLOW= 85 SCFM	
06-12-93	11:56:38	DEV_OFF	NORMAL of 06-12-93 11:56:20	
06-12-93	11:56:53	FAD15D	ACK of 06-12-93 11:56:36	85
06-12-93	11:57:09	FAD15B	NORMAL of 06-12-93 11:56:15	87
06-12-93	11:57:39	* LAH84B	TK201 HI LEVEL, LEV= 38974 GAL	
06-12-93	11:57:51	FAD15D	NORMAL of 06-12-93 11:56:36	87
06-12-93	11:57:56	LAH84B	ACK of 06-12-93 11:57:39	3.9e+004
06-12-93	11:58:36	AAH71	NORMAL of 06-12-93 11:55:27	307.6
06-12-93	11:58:42	* FAD15B	DEV ALARM AIR INJECTOR B, FLOW= 86 SCFM	
06-12-93	11:58:42	* FAD15D	DEV ALARM AIR INJECTOR D, FLOW= 87 SCFM	
06-12-93	11:58:51	* FAD15D	NORMAL of 06-12-93 11:58:42	88
06-12-93	11:58:51	* COV84B_F	COV84B FAULT	
06-12-93	11:59:03	* COV84B_F	NORMAL of 06-12-93 11:58:51	
06-12-93	11:59:10	* COV84B_F	ACK of 06-12-93 11:58:51	
06-12-93	11:59:10	* FAD15D	ACK of 06-12-93 11:58:42	89
06-12-93	11:59:10	FAD15B	ACK of 06-12-93 11:58:42	88
06-12-93	11:59:12	PAL109	NORMAL of 06-12-93 11:50:18	
06-12-93	12:00:03	* XFER7CAN	BRINE RECIRC/LOADING TRANSFER CANCELLED	
06-12-93	12:00:22	XFER7CAN	ACK of 06-12-93 12:00:03	
06-12-93	12:00:30	AAH68	NORMAL of 06-12-93 11:55:57	7.9
06-12-93	12:00:33	* COV84C_F	COV84C FAULT	
06-12-93	12:00:36	* COV84C_F	NORMAL of 06-12-93 12:00:33	
06-12-93	12:00:39	* AAH68	HIGH THC, 8.00 PPM	
06-12-93	12:00:42	* AAH68	NORMAL of 06-12-93 12:00:39	8
06-12-93	12:00:42	* COV84E_F	COV84E FAULT	
06-12-93	12:00:45	* AAH68	HIGH THC, 8.00 PPM	
06-12-93	12:00:48	* AAH68	NORMAL of 06-12-93 12:00:45	8
06-12-93	12:00:48	* COV84E_F	NORMAL of 06-12-93 12:00:42	
06-12-93	12:00:48	* AAH68	ACK of 06-12-93 12:00:45	8
06-12-93	12:00:48	* COV84E_F	ACK of 06-12-93 12:00:42	
06-12-93	12:00:48	* AAH68	ACK of 06-12-93 12:00:39	8
06-12-93	12:00:48	* COV84C_F	ACK of 06-12-93 12:00:33	
06-12-93	12:00:51	* AAH68	HIGH THC, 8.00 PPM	
06-12-93	12:01:24	AAH68	ACK of 06-12-93 12:00:51	8.1

06-12-93	12:01:51	AAL56	NORMAL of 06-12-93 11:56:03	5.25
06-12-93	12:02:00	XFER7CAN	NORMAL of 06-12-93 12:00:03	
06-12-93	12:02:57	* AAH70	HIGH CO, 123.20 PPM	
06-12-93	12:03:30	* AAH70	NORMAL of 06-12-93 12:02:57	85.6
06-12-93	12:03:44	* AAH70	ACK of 06-12-93 12:02:57	76.2
06-12-93	12:07:00	LAH84B	NORMAL of 06-12-93 11:57:39	3.84e+004
06-12-93	12:08:36	* AAH71	HIGH SO2, 362.7 PPM	
06-12-93	12:08:45	FAD15B	NORMAL of 06-12-93 11:58:42	89
06-12-93	12:08:46	AAH71	ACK of 06-12-93 12:08:36	407.2
06-12-93	12:08:57	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.3 PH	
06-12-93	12:09:03	* AAL56	NORMAL of 06-12-93 12:08:57	5.25
06-12-93	12:09:24	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.2 PH	
06-12-93	12:09:36	* FAD15B	DEV ALARM AIR INJECTOR B, FLOW= 83 SCFM	
06-12-93	12:09:45	FAD15B	ACK of 06-12-93 12:09:36	87
06-12-93	12:09:46	AAL56	ACK of 06-12-93 12:09:24	5.21
06-12-93	12:09:46	* AAL56	ACK of 06-12-93 12:08:57	5.21
06-12-93	12:12:57	AAH71	NORMAL of 06-12-93 12:08:36	340.8
06-12-93	12:13:18	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 186 LB/MIN	
06-12-93	12:13:21	* FAH04A	NORMAL of 06-12-93 12:13:18	186
06-12-93	12:13:57	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 183 LB/MIN	
06-12-93	12:13:59	FAH04A	ACK of 06-12-93 12:13:57	183
06-12-93	12:13:59	* FAH04A	ACK of 06-12-93 12:13:18	183
06-12-93	12:14:00	FAH04A	NORMAL of 06-12-93 12:13:57	183
06-12-93	12:14:03	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 183 LB/MIN	
06-12-93	12:14:05	FAH04A	ACK of 06-12-93 12:14:03	181
06-12-93	12:14:21	FAH04A	NORMAL of 06-12-93 12:14:03	183
06-12-93	12:14:21	* AAL30	LOW 02 LEVEL IN STACK, 3.0 PERCENT	
06-12-93	12:14:27	AAL30	ACK of 06-12-93 12:14:21	3
06-12-93	12:14:30	AAL30	NORMAL of 06-12-93 12:14:21	3.1
06-12-93	12:14:39	* AAH70	HIGH CO, 98.30 PPM	
06-12-93	12:14:42	* AAH70	NORMAL of 06-12-93 12:14:39	98.3
06-12-93	12:14:49	* AAH70	ACK of 06-12-93 12:14:39	71.4
06-12-93	12:15:21	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 181 LB/MIN	
06-12-93	12:15:24	* FAH04A	NORMAL of 06-12-93 12:15:21	181
06-12-93	12:15:24	* FAH04A	ACK of 06-12-93 12:15:21	181
06-12-93	12:15:39	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93	12:15:42	* FAH04A	NORMAL of 06-12-93 12:15:39	180
06-12-93	12:15:51	* FAH04A	ACK of 06-12-93 12:15:39	184
06-12-93	12:15:57	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 186 LB/MIN	
06-12-93	12:16:03	* FAH04A	NORMAL of 06-12-93 12:15:57	181
06-12-93	12:16:18	AAL56	NORMAL of 06-12-93 12:09:24	5.26
06-12-93	12:16:18	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	12:16:18	* AAH70	HIGH CO, 101.50 PPM	
06-12-93	12:16:20	AAH70	ACK of 06-12-93 12:16:18	98.1
06-12-93	12:16:20	FAH04A	ACK of 06-12-93 12:16:18	185
06-12-93	12:16:21	* FAH04A	ACK of 06-12-93 12:15:57	185
06-12-93	12:16:24	FAH04A	NORMAL of 06-12-93 12:16:18	182
06-12-93	12:16:24	AAH70	NORMAL of 06-12-93 12:16:18	98.1
06-12-93	12:16:39	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	12:16:41	FAH04A	ACK of 06-12-93 12:16:39	185
06-12-93	12:16:45	FAH04A	NORMAL of 06-12-93 12:16:39	180
06-12-93	12:16:57	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93	12:16:59	FAH04A	ACK of 06-12-93 12:16:57	184
06-12-93	12:17:06	FAH04A	NORMAL of 06-12-93 12:16:57	181
06-12-93	12:17:21	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 186 LB/MIN	
06-12-93	12:17:24	FAH04A	ACK of 06-12-93 12:17:21	183
06-12-93	12:17:27	FAH04A	NORMAL of 06-12-93 12:17:21	180
06-12-93	12:17:39	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 186 LB/MIN	
06-12-93	12:17:45	* FAH04A	NORMAL of 06-12-93 12:17:39	183
06-12-93	12:17:52	* FAH04A	ACK of 06-12-93 12:17:39	183

06-12-93	12:17:57	* AAH70	HIGH CO, 104.20 PPM	
06-12-93	12:18:00	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	184 LB/MIN
06-12-93	12:18:03	* AAH70	NORMAL of 06-12-93 12:17:57	94.1
06-12-93	12:18:06	* FAH04A	NORMAL of 06-12-93 12:18:00	182
06-12-93	12:18:07	* FAH04A	ACK of 06-12-93 12:18:00	182
06-12-93	12:18:07	* AAH70	ACK of 06-12-93 12:17:57	88.9
06-12-93	12:18:18	* AAH70	HIGH CO, 101.00 PPM	
06-12-93	12:18:21	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	183 LB/MIN
06-12-93	12:18:21	* AAH70	NORMAL of 06-12-93 12:18:18	94.1
06-12-93	12:18:24	* FAH04A	NORMAL of 06-12-93 12:18:21	182
06-12-93	12:18:24	* FAH04A	ACK of 06-12-93 12:18:21	182
06-12-93	12:18:25	* AAH70	ACK of 06-12-93 12:18:18	80.8
06-12-93	12:18:39	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	185 LB/MIN
06-12-93	12:18:43	FAH04A	ACK of 06-12-93 12:18:39	183
06-12-93	12:18:45	FAH04A	NORMAL of 06-12-93 12:18:39	183
06-12-93	12:19:00	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	184 LB/MIN
06-12-93	12:19:03	* FAH04A	NORMAL of 06-12-93 12:19:00	184
06-12-93	12:19:18	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	181 LB/MIN
06-12-93	12:19:24	* FAH04A	NORMAL of 06-12-93 12:19:18	180
06-12-93	12:19:25	* FAH04A	ACK of 06-12-93 12:19:18	180
06-12-93	12:19:25	* FAH04A	ACK of 06-12-93 12:19:00	180
06-12-93	12:19:39	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	183 LB/MIN
06-12-93	12:19:47	FAH04A	ACK of 06-12-93 12:19:39	181
06-12-93	12:19:48	FAH04A	NORMAL of 06-12-93 12:19:39	181
06-12-93	12:20:03	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	184 LB/MIN
06-12-93	12:20:21	* FAH04A	NORMAL of 06-12-93 12:20:03	180
06-12-93	12:21:00	P_THC_F	NORMAL of 06-12-93 11:54:09	
06-12-93	12:21:06	AAH68	NORMAL of 06-12-93 12:00:51	8.2
06-12-93	12:21:12	* AAH68	HIGH THC, 8.30 PPM	
06-12-93	12:21:21	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	184 LB/MIN
06-12-93	12:21:21	* AAH68	NORMAL of 06-12-93 12:21:12	7.7
06-12-93	12:21:24	* FAH04A	NORMAL of 06-12-93 12:21:21	180
06-12-93	12:21:28	* FAH04A	ACK of 06-12-93 12:21:21	180
06-12-93	12:21:29	* AAH68	ACK of 06-12-93 12:21:12	7.7
06-12-93	12:21:29	* FAH04A	ACK of 06-12-93 12:20:03	180
06-12-93	12:21:36	* AAH68	HIGH THC, 8.10 PPM	
06-12-93	12:21:39	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	185 LB/MIN
06-12-93	12:21:42	* FAH04A	NORMAL of 06-12-93 12:21:39	183
06-12-93	12:22:00	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	184 LB/MIN
06-12-93	12:22:01	FAH04A	ACK of 06-12-93 12:22:00	184
06-12-93	12:22:02	* FAH04A	ACK of 06-12-93 12:21:39	184
06-12-93	12:22:02	AAH68	ACK of 06-12-93 12:21:36	8.3
06-12-93	12:22:03	FAH04A	NORMAL of 06-12-93 12:22:00	184
06-12-93	12:22:42	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	183 LB/MIN
06-12-93	12:22:42	AAH68	NORMAL of 06-12-93 12:21:36	4.2
06-12-93	12:22:45	* FAH04A	NORMAL of 06-12-93 12:22:42	183
06-12-93	12:23:15	* AAH70	HIGH CO, 109.30 PPM	
06-12-93	12:23:21	AAH70	ACK of 06-12-93 12:23:15	83.6
06-12-93	12:23:21	* FAH04A	ACK of 06-12-93 12:22:42	183
06-12-93	12:23:24	AAH70	NORMAL of 06-12-93 12:23:15	83.6
06-12-93	12:23:36	* AAH71	HIGH SO2, 339.8 PPM	
06-12-93	12:23:39	AAH71	ACK of 06-12-93 12:23:36	339.8
06-12-93	12:24:12	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.2 PH	
06-12-93	12:24:15	AAL56	ACK of 06-12-93 12:24:12	5.24
06-12-93	12:26:00	* FAD15D	DEV ALARM AIR INJECTOR D, FLOW=	84 SCFM
06-12-93	12:26:16	FAD15D	ACK of 06-12-93 12:26:00	87
06-12-93	12:27:12	FAD15D	NORMAL of 06-12-93 12:26:00	90
06-12-93	12:27:24	* P_THC_F	CEM (PRI) - THC ANALYZER FLAME OUT	
06-12-93	12:27:27	* AAH68	HIGH THC, 999999.90 PPM	
06-12-93	12:27:27	AAH68	ACK of 06-12-93 12:27:27	1e+006

06-12-93 12:27:27	P_THC_F	ACK of 06-12-93 12:27:24	
06-12-93 12:27:30	P_THC_F	NORMAL of 06-12-93 12:27:24	
06-12-93 12:27:48	AAH71	NORMAL of 06-12-93 12:23:36	352
06-12-93 12:28:06	* AAH70	HIGH CO, 112.70 PPM	
06-12-93 12:28:08	AAH70	ACK of 06-12-93 12:28:06	112.7
06-12-93 12:28:21	AAH70	NORMAL of 06-12-93 12:28:06	77
06-12-93 12:29:12	AAH68	NORMAL of 06-12-93 12:27:27	5.4
06-12-93 12:29:30	AAL56	NORMAL of 06-12-93 12:24:12	5.38
06-12-93 12:36:06	* FAD22B	INJECTOR B DEV ALARM, FLOW= 28.1 LB/MIN	
06-12-93 12:36:09	* FAD22B	NORMAL of 06-12-93 12:36:06	28.12
06-12-93 12:36:24	* FAD22B	INJECTOR B DEV ALARM, FLOW= 28.3 LB/MIN	
06-12-93 12:36:30	* FAD22B	NORMAL of 06-12-93 12:36:24	28.25
06-12-93 12:38:50	* DEV_OFF	DEVELOPMENT PLC OFFLINE	
06-12-93 12:39:04	* DEV_OFF	NORMAL of 06-12-93 12:38:50	
06-12-93 12:39:15	* AAH71	HIGH SO2, 344.2 PPM	
06-12-93 12:40:12	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.2 PH	
06-12-93 12:40:13	AAL56	ACK of 06-12-93 12:40:12	5.24
06-12-93 12:40:13	AAH71	ACK of 06-12-93 12:39:15	465.3
06-12-93 12:40:13	* DEV_OFF	ACK of 06-12-93 12:38:50	
06-12-93 12:40:14	* FAD22B	ACK of 06-12-93 12:36:24	29.74
06-12-93 12:40:14	* FAD22B	ACK of 06-12-93 12:36:06	29.74
06-12-93 12:41:57	* PAH11	HIGH NATURAL GAS PRESSURE	
06-12-93 12:42:03	* S_MAIN_P	CEM (SEC) - LOW MAIN SAMPLE LINE PRESSURE	
06-12-93 12:42:21	AAH71	NORMAL of 06-12-93 12:39:15	317.3
06-12-93 12:42:24	* FAD22B	INJECTOR B DEV ALARM, FLOW= 26.9 LB/MIN	
06-12-93 12:42:33	* PAH11	NORMAL of 06-12-93 12:41:57	
06-12-93 12:42:58	FAD22B	ACK of 06-12-93 12:42:24	26.04
06-12-93 12:42:58	S_MAIN_P	ACK of 06-12-93 12:42:03	
06-12-93 12:42:58	* PAH11	ACK of 06-12-93 12:41:57	
06-12-93 12:43:12	* PAH11	HIGH NATURAL GAS PRESSURE	
06-12-93 12:43:29	PAH11	ACK of 06-12-93 12:43:12	
06-12-93 12:43:57	FAD22B	NORMAL of 06-12-93 12:42:24	28.13
06-12-93 12:44:12	* FAD22B	INJECTOR B DEV ALARM, FLOW= 28.6 LB/MIN	
06-12-93 12:44:14	FAD22B	ACK of 06-12-93 12:44:12	28.59
06-12-93 12:44:15	PAH11	NORMAL of 06-12-93 12:43:12	
06-12-93 12:44:15	FAD22B	NORMAL of 06-12-93 12:44:12	28.59
06-12-93 12:44:33	* FAD22B	INJECTOR B DEV ALARM, FLOW= 28.5 LB/MIN	
06-12-93 12:44:36	* FAD22B	NORMAL of 06-12-93 12:44:33	27.34
06-12-93 12:44:51	* FAD22B	INJECTOR B DEV ALARM, FLOW= 28.5 LB/MIN	
06-12-93 12:44:54	* PAH11	HIGH NATURAL GAS PRESSURE	
06-12-93 12:44:57	* FAD22B	NORMAL of 06-12-93 12:44:51	27.68
06-12-93 12:45:09	* FAD22B	INJECTOR B DEV ALARM, FLOW= 28.5 LB/MIN	
06-12-93 12:45:21	AAL56	NORMAL of 06-12-93 12:40:12	5.25
06-12-93 12:45:54	* FAD22B	NORMAL of 06-12-93 12:45:09	27.81
06-12-93 12:46:06	* PAH11	NORMAL of 06-12-93 12:44:54	
06-12-93 12:46:09	* FAD22B	INJECTOR B DEV ALARM, FLOW= 28.0 LB/MIN	
06-12-93 12:46:48	* AAH70	HIGH CO, 94.30 PPM	
06-12-93 12:46:51	* AAH70	NORMAL of 06-12-93 12:46:48	94.3
06-12-93 12:46:51	* FAD22B	NORMAL of 06-12-93 12:46:09	28.35
06-12-93 12:46:54	* AAH70	ACK of 06-12-93 12:46:48	82
06-12-93 12:46:54	* FAD22B	ACK of 06-12-93 12:46:09	28.06
06-12-93 12:46:54	* FAD22B	ACK of 06-12-93 12:45:09	28.06
06-12-93 12:46:54	* PAH11	ACK of 06-12-93 12:44:54	
06-12-93 12:46:54	* FAD22B	ACK of 06-12-93 12:44:51	28.06
06-12-93 12:46:55	* FAD22B	ACK of 06-12-93 12:44:33	28.06
06-12-93 12:47:57	* PDAH53	VENTURI HI DIFF PRESSURE, 92.9 IN WC	
06-12-93 12:48:24	* PDAH53	NORMAL of 06-12-93 12:47:57	90.37
06-12-93 12:48:24	* FAD22B	INJECTOR B DEV ALARM, FLOW= 33.4 LB/MIN	
06-12-93 12:48:27	* FAD22B	NORMAL of 06-12-93 12:48:24	34.77
06-12-93 12:48:33	* AAH70	HIGH CO, 103.20 PPM	

06-12-93 12:48:42	* FAD22B	INJECTOR B DEV ALARM, FLOW= 33.7 LB/MIN	
06-12-93 12:48:45	* AAH70	NORMAL of 06-12-93 12:48:33	101.4
06-12-93 12:48:45	* FAD22B	NORMAL of 06-12-93 12:48:42	33.73
06-12-93 12:48:51	* AAH70	HIGH CO, 103.10 PPM	
06-12-93 12:49:07	AAH70	ACK of 06-12-93 12:48:51	95.5
06-12-93 12:49:07	* FAD22B	ACK of 06-12-93 12:48:42	34.84
06-12-93 12:49:07	* AAH70	ACK of 06-12-93 12:48:33	95.5
06-12-93 12:49:07	* FAD22B	ACK of 06-12-93 12:48:24	34.84
06-12-93 12:49:07	* PDAH53	ACK of 06-12-93 12:47:57	89.67
06-12-93 12:49:09	AAH70	NORMAL of 06-12-93 12:48:51	95.5
06-12-93 12:49:12	* AAL30	LOW 02 LEVEL IN STACK, 3.1 PERCENT	
06-12-93 12:50:00	* AAL30	NORMAL of 06-12-93 12:49:12	3.1
06-12-93 12:50:06	* AAH70	HIGH CO, 109.70 PPM	
06-12-93 12:50:07	AAH70	ACK of 06-12-93 12:50:06	109.7
06-12-93 12:50:08	* AAL30	ACK of 06-12-93 12:49:12	3.2
06-12-93 12:50:15	AAH70	NORMAL of 06-12-93 12:50:06	88.5
06-12-93 12:50:51	* AAH70	HIGH CO, 105.40 PPM	
06-12-93 12:51:00	* AAH70	NORMAL of 06-12-93 12:50:51	80.7
06-12-93 12:51:54	* AAH70	HIGH CO, 92.00 PPM	
06-12-93 12:51:57	* AAH70	NORMAL of 06-12-93 12:51:54	92
06-12-93 12:52:15	* AAH70	HIGH CO, 95.40 PPM	
06-12-93 12:52:21	* AAH70	NORMAL of 06-12-93 12:52:15	79.5
06-12-93 12:52:36	* AAH71	HIGH SO2, 368.6 PPM	
06-12-93 12:52:45	AAH71	ACK of 06-12-93 12:52:36	382.3
06-12-93 12:52:45	* AAH70	ACK of 06-12-93 12:52:15	68.8
06-12-93 12:52:45	* AAH70	ACK of 06-12-93 12:51:54	68.8
06-12-93 12:52:45	* AAH70	ACK of 06-12-93 12:50:51	68.8
06-12-93 12:53:09	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.2 PH	
06-12-93 12:53:57	AAL56	ACK of 06-12-93 12:53:09	5.13
06-12-93 12:55:15	* FAD15D	DEV ALARM AIR INJECTOR D, FLOW= 84 SCFM	
06-12-93 12:55:27	* FAD15D	NORMAL of 06-12-93 12:55:15	87
06-12-93 12:55:54	AAH71	NORMAL of 06-12-93 12:52:36	327.6
06-12-93 12:56:36	S_MAIN_P	NORMAL of 06-12-93 12:42:03	
06-12-93 12:58:09	AAL56	NORMAL of 06-12-93 12:53:09	5.26
06-12-93 12:59:39	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 187 LB/MIN	
06-12-93 12:59:45	* FAH04A	NORMAL of 06-12-93 12:59:39	182
06-12-93 12:59:52	* FAH04A	ACK of 06-12-93 12:59:39	180
06-12-93 12:59:52	* FAD15D	ACK of 06-12-93 12:55:15	87
06-12-93 12:59:57	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93 13:00:01	* FAH04A	NORMAL of 06-12-93 12:59:57	183
06-12-93 13:00:19	* FAH04A	ACK of 06-12-93 12:59:57	182
06-12-93 13:00:26	* DEV_OFF	DEVELOPMENT PLC OFFLINE	
06-12-93 13:00:37	* DEV_OFF	NORMAL of 06-12-93 13:00:26	
06-12-93 13:00:39	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93 13:00:44	FAH04A	ACK of 06-12-93 13:00:39	183
06-12-93 13:00:44	* DEV_OFF	ACK of 06-12-93 13:00:26	
06-12-93 13:01:03	FAH04A	NORMAL of 06-12-93 13:00:39	184
06-12-93 13:01:21	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 183 LB/MIN	
06-12-93 13:01:24	* FAH04A	NORMAL of 06-12-93 13:01:21	183
06-12-93 13:01:42	* AAL30	LOW 02 LEVEL IN STACK, 3.1 PERCENT	
06-12-93 13:01:45	* AAL30	NORMAL of 06-12-93 13:01:42	3.1
06-12-93 13:01:47	* AAL30	ACK of 06-12-93 13:01:42	3.1
06-12-93 13:01:48	* FAH04A	ACK of 06-12-93 13:01:21	179
06-12-93 13:02:03	* AAH70	HIGH CO, 107.70 PPM	
06-12-93 13:02:08	AAH70	ACK of 06-12-93 13:02:03	101.4
06-12-93 13:02:18	AAH70	NORMAL of 06-12-93 13:02:03	96
06-12-93 13:02:21	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93 13:02:27	* FAH04A	NORMAL of 06-12-93 13:02:21	181
06-12-93 13:02:42	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 186 LB/MIN	
06-12-93 13:03:09	* FAH04A	NORMAL of 06-12-93 13:02:42	184

06-12-93	13:03:24	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 187 LB/MIN	
06-12-93	13:03:30	* FAH04A	NORMAL of 06-12-93 13:03:24	182
06-12-93	13:03:39	* AAH70	HIGH CO, 117.60 PPM	
06-12-93	13:03:44	AAH70	ACK of 06-12-93 13:03:39	98.6
06-12-93	13:03:44	* FAH04A	ACK of 06-12-93 13:03:24	183
06-12-93	13:03:44	* FAH04A	ACK of 06-12-93 13:02:42	183
06-12-93	13:03:45	* FAH04A	ACK of 06-12-93 13:02:21	183
06-12-93	13:03:45	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 183 LB/MIN	
06-12-93	13:03:48	* FAH04A	NORMAL of 06-12-93 13:03:45	183
06-12-93	13:03:49	* FAH04A	ACK of 06-12-93 13:03:45	183
06-12-93	13:03:51	AAH70	NORMAL of 06-12-93 13:03:39	83.3
06-12-93	13:04:00	* AAH70	HIGH CO, 113.00 PPM	
06-12-93	13:04:05	AAH70	ACK of 06-12-93 13:04:00	121.4
06-12-93	13:04:09	AAH70	NORMAL of 06-12-93 13:04:00	121.4
06-12-93	13:04:24	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93	13:04:26	FAH04A	ACK of 06-12-93 13:04:24	184
06-12-93	13:04:27	FAH04A	NORMAL of 06-12-93 13:04:24	184
06-12-93	13:04:45	* AAL30	LOW O2 LEVEL IN STACK, 3.0 PERCENT	
06-12-93	13:05:06	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 182 LB/MIN	
06-12-93	13:05:09	* FAH04A	NORMAL of 06-12-93 13:05:06	182
06-12-93	13:05:12	* AAL30	NORMAL of 06-12-93 13:04:45	3.1
06-12-93	13:05:18	* FAH04A	ACK of 06-12-93 13:05:06	183
06-12-93	13:05:18	* AAL30	ACK of 06-12-93 13:04:45	3.1
06-12-93	13:05:27	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 182 LB/MIN	
06-12-93	13:05:30	* FAH04A	NORMAL of 06-12-93 13:05:27	179
06-12-93	13:05:42	* AAH70	HIGH CO, 134.40 PPM	
06-12-93	13:05:45	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	13:05:48	* FAH04A	NORMAL of 06-12-93 13:05:45	182
06-12-93	13:05:54	* AAH71	HIGH SO2, 353.5 PPM	
06-12-93	13:06:06	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 183 LB/MIN	
06-12-93	13:06:09	* FAH04A	NORMAL of 06-12-93 13:06:06	182
06-12-93	13:06:09	* AAH70	NORMAL of 06-12-93 13:05:42	97.9
06-12-93	13:06:24	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.2 PH	
06-12-93	13:06:39	AAL56	ACK of 06-12-93 13:06:24	5.22
06-12-93	13:06:39	* FAH04A	ACK of 06-12-93 13:06:06	180
06-12-93	13:06:39	AAH71	ACK of 06-12-93 13:05:54	489.2
06-12-93	13:06:39	* FAH04A	ACK of 06-12-93 13:05:45	180
06-12-93	13:06:39	* AAH70	ACK of 06-12-93 13:05:42	80.4
06-12-93	13:06:40	* FAH04A	ACK of 06-12-93 13:05:27	180
06-12-93	13:06:45	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93	13:06:45	* AAL30	LOW O2 LEVEL IN STACK, 3.0 PERCENT	
06-12-93	13:06:48	* FAH04A	NORMAL of 06-12-93 13:06:45	183
06-12-93	13:06:51	* AAL30	NORMAL of 06-12-93 13:06:45	3.1
06-12-93	13:07:06	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-12-93	13:07:06	FAH04A	ACK of 06-12-93 13:07:06	180
06-12-93	13:07:07	* AAL30	ACK of 06-12-93 13:06:45	3.2
06-12-93	13:07:07	* FAH04A	ACK of 06-12-93 13:06:45	180
06-12-93	13:07:09	FAH04A	NORMAL of 06-12-93 13:07:06	179
06-12-93	13:08:09	* AAL30	LOW O2 LEVEL IN STACK, 3.1 PERCENT	
06-12-93	13:08:12	* AAL30	NORMAL of 06-12-93 13:08:09	3.1
06-12-93	13:08:24	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93	13:08:24	* AAL30	LOW O2 LEVEL IN STACK, 3.0 PERCENT	
06-12-93	13:08:27	* FAH04A	NORMAL of 06-12-93 13:08:24	184
06-12-93	13:08:33	* AAL30	NORMAL of 06-12-93 13:08:24	3.1
06-12-93	13:09:00	* AAH70	HIGH CO, 123.30 PPM	
06-12-93	13:09:06	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 182 LB/MIN	
06-12-93	13:09:09	* FAH04A	NORMAL of 06-12-93 13:09:06	182
06-12-93	13:09:12	* AAH70	NORMAL of 06-12-93 13:09:00	87.3
06-12-93	13:09:24	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	13:09:24	* AAL30	LOW O2 LEVEL IN STACK, 3.0 PERCENT	

06-12-93	13:09:27	* FAH04A	NORMAL of 06-12-93 13:09:24	185
06-12-93	13:09:28	AAL30	ACK of 06-12-93 13:09:24	3
06-12-93	13:09:28	* FAH04A	ACK of 06-12-93 13:09:24	185
06-12-93	13:09:28	* FAH04A	ACK of 06-12-93 13:09:06	185
06-12-93	13:09:29	* AAH70	ACK of 06-12-93 13:09:00	58.4
06-12-93	13:09:29	* AAL30	ACK of 06-12-93 13:08:24	3
06-12-93	13:09:29	* FAH04A	ACK of 06-12-93 13:08:24	185
06-12-93	13:09:29	* AAL30	ACK of 06-12-93 13:08:09	3
06-12-93	13:09:39	AAH71	NORMAL of 06-12-93 13:05:54	326.6
06-12-93	13:10:06	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	13:10:15	* FAH04A	NORMAL of 06-12-93 13:10:06	176
06-12-93	13:10:15	AAL30	NORMAL of 06-12-93 13:09:24	3
06-12-93	13:10:20	* FAH04A	ACK of 06-12-93 13:10:06	183
06-12-93	13:10:42	* AAH70	HIGH CO, 110.20 PPM	
06-12-93	13:10:46	AAH70	ACK of 06-12-93 13:10:42	92.7
06-12-93	13:10:48	AAH70	NORMAL of 06-12-93 13:10:42	78.2
06-12-93	13:10:57	* AAL30	LOW O2 LEVEL IN STACK, 3.0 PERCENT	
06-12-93	13:11:00	AAL30	ACK of 06-12-93 13:10:57	3
06-12-93	13:11:27	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93	13:11:30	* FAH04A	NORMAL of 06-12-93 13:11:27	179
06-12-93	13:11:31	* FAH04A	ACK of 06-12-93 13:11:27	179
06-12-93	13:11:54	AAL56	NORMAL of 06-12-93 13:06:24	5.26
06-12-93	13:12:00	AAL30	NORMAL of 06-12-93 13:10:57	3
06-12-93	13:12:06	* AAH70	HIGH CO, 132.30 PPM	
06-12-93	13:12:12	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.3 PH	
06-12-93	13:12:18	* AAL56	NORMAL of 06-12-93 13:12:12	5.26
06-12-93	13:12:18	* AAH70	NORMAL of 06-12-93 13:12:06	95.3
06-12-93	13:12:27	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 183 LB/MIN	
06-12-93	13:12:30	* FAH04A	NORMAL of 06-12-93 13:12:27	183
06-12-93	13:12:39	* AAL30	LOW O2 LEVEL IN STACK, 3.1 PERCENT	
06-12-93	13:12:53	AAL30	ACK of 06-12-93 13:12:39	3
06-12-93	13:12:53	* FAH04A	ACK of 06-12-93 13:12:27	183
06-12-93	13:12:53	* AAL56	ACK of 06-12-93 13:12:12	5.45
06-12-93	13:12:53	* AAH70	ACK of 06-12-93 13:12:06	69.6
06-12-93	13:13:03	* AAH70	HIGH CO, 115.50 PPM	
06-12-93	13:13:15	* AAH70	NORMAL of 06-12-93 13:13:03	98.8
06-12-93	13:13:15	* S_MAIN_T	CEM (SEC) - LOW MAIN SAMPLE LINE TEMP	
06-12-93	13:13:19	S_MAIN_T	ACK of 06-12-93 13:13:15	
06-12-93	13:13:19	* AAH70	ACK of 06-12-93 13:13:03	79.8
06-12-93	13:13:39	AAL30	NORMAL of 06-12-93 13:12:39	3.1
06-12-93	13:13:57	* FAD48	DEV FLOW SCRUBBER MAKEUP, FLOW= 36.5 GPM	
06-12-93	13:14:02	FAD48	ACK of 06-12-93 13:13:57	35.37
06-12-93	13:14:06	* AAH70	HIGH CO, 124.90 PPM	
06-12-93	13:14:13	AAH70	ACK of 06-12-93 13:14:06	124.9
06-12-93	13:14:27	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	13:14:27	* AAL30	LOW O2 LEVEL IN STACK, 3.0 PERCENT	
06-12-93	13:14:30	* FAH04A	NORMAL of 06-12-93 13:14:27	182
06-12-93	13:14:31	AAL30	ACK of 06-12-93 13:14:27	3
06-12-93	13:14:31	* FAH04A	ACK of 06-12-93 13:14:27	182
06-12-93	13:14:42	AAL30	NORMAL of 06-12-93 13:14:27	3
06-12-93	13:14:45	* AAL30	LOW O2 LEVEL IN STACK, 3.0 PERCENT	
06-12-93	13:14:55	AAL30	ACK of 06-12-93 13:14:45	3
06-12-93	13:15:00	AAL30	NORMAL of 06-12-93 13:14:45	3.1
06-12-93	13:15:03	* AAL30	LOW O2 LEVEL IN STACK, 3.0 PERCENT	
06-12-93	13:15:07	AAL30	ACK of 06-12-93 13:15:03	3
06-12-93	13:15:21	AAL30	NORMAL of 06-12-93 13:15:03	3
06-12-93	13:15:21	AAH70	NORMAL of 06-12-93 13:14:06	98.8
06-12-93	13:15:24	* AAH70	HIGH CO, 98.80 PPM	
06-12-93	13:15:27	* AAH70	NORMAL of 06-12-93 13:15:24	91
06-12-93	13:15:45	FAD48	NORMAL of 06-12-93 13:13:57	18.98

06-12-93 13:15:53	* AAH70	ACK of 06-12-93 13:15:24	61
06-12-93 13:16:09	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 179 LB/MIN	
06-12-93 13:16:09	* AAL30	LOW 02 LEVEL IN STACK, 3.0 PERCENT	
06-12-93 13:16:16	AAL30	ACK of 06-12-93 13:16:09	3
06-12-93 13:16:16	FAH04A	ACK of 06-12-93 13:16:09	178
06-12-93 13:16:33	FAH04A	NORMAL of 06-12-93 13:16:09	183
06-12-93 13:16:42	AAL30	NORMAL of 06-12-93 13:16:09	3.1
06-12-93 13:16:48	S MAIN_T	NORMAL of 06-12-93 13:13:15	
06-12-93 13:18:27	* AAH70	HIGH CO, 126.80 PPM	
06-12-93 13:18:31	AAH70	ACK of 06-12-93 13:18:27	123.6
06-12-93 13:18:42	AAH70	NORMAL of 06-12-93 13:18:27	90.3
06-12-93 13:19:06	* AAH71	HIGH SO2, 364.2 PPM	
06-12-93 13:19:08	AAH71	ACK of 06-12-93 13:19:06	364.2
06-12-93 13:19:27	* AAH70	HIGH CO, 110.50 PPM	
06-12-93 13:19:31	AAH70	ACK of 06-12-93 13:19:27	128.6
06-12-93 13:19:48	AAH70	NORMAL of 06-12-93 13:19:27	96.7
06-12-93 13:19:57	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.3 PH	
06-12-93 13:19:59	AAL56	ACK of 06-12-93 13:19:57	5.25
06-12-93 13:20:36	* AAH70	HIGH CO, 95.90 PPM	
06-12-93 13:20:39	* AAH70	NORMAL of 06-12-93 13:20:36	95.9
06-12-93 13:21:01	* AAH70	ACK of 06-12-93 13:20:36	57.4
06-12-93 13:22:06	AAH71	NORMAL of 06-12-93 13:19:06	335.9
06-12-93 13:23:54	* AAH70	HIGH CO, 103.80 PPM	
06-12-93 13:24:00	* AAH70	NORMAL of 06-12-93 13:23:54	81.4
06-12-93 13:24:41	* AAH70	ACK of 06-12-93 13:23:54	66.8
06-12-93 13:25:06	AAL56	NORMAL of 06-12-93 13:19:57	5.26
06-12-93 13:26:51	* AAH70	HIGH CO, 110.00 PPM	
06-12-93 13:26:57	AAH70	ACK of 06-12-93 13:26:51	102
06-12-93 13:27:09	AAH70	NORMAL of 06-12-93 13:26:51	91.1
06-12-93 13:27:57	* FAD15D	DEV ALARM AIR INJECTOR D, FLOW= 87 SCFM	
06-12-93 13:29:09	* AAH70	HIGH CO, 115.20 PPM	
06-12-93 13:29:25	AAH70	ACK of 06-12-93 13:29:09	94.2
06-12-93 13:29:26	FAD15D	ACK of 06-12-93 13:27:57	88
06-12-93 13:29:27	AAH70	NORMAL of 06-12-93 13:29:09	94.2
06-12-93 13:30:06	FAD15D	NORMAL of 06-12-93 13:27:57	87
06-12-93 13:32:03	* AAH71	HIGH SO2, 368.6 PPM	
06-12-93 13:32:07	AAH71	ACK of 06-12-93 13:32:03	368.6
06-12-93 13:32:36	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.3 PH	
06-12-93 13:32:38	AAL56	ACK of 06-12-93 13:32:36	5.25
06-12-93 13:35:48	AAH71	NORMAL of 06-12-93 13:32:03	327.6
06-12-93 13:38:57	AAL56	NORMAL of 06-12-93 13:32:36	5.27
06-12-93 13:38:57	* FAD48	DEV FLOW SCRUBBER MAKEUP, FLOW= 32.9 GPM	
06-12-93 13:40:28	FAD48	ACK of 06-12-93 13:38:57	20.1
06-12-93 13:41:18	FAD48	NORMAL of 06-12-93 13:38:57	15.66
06-12-93 13:45:54	* AAH71	HIGH SO2, 359.3 PPM	
06-12-93 13:46:05	AAH71	ACK of 06-12-93 13:45:54	401.8
06-12-93 13:46:51	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.2 PH	
06-12-93 13:47:02	AAL56	ACK of 06-12-93 13:46:51	5.23
06-12-93 13:47:21	* AAH70	HIGH CO, 118.50 PPM	
06-12-93 13:47:30	* AAH70	NORMAL of 06-12-93 13:47:21	71.8
06-12-93 13:47:32	* AAH70	ACK of 06-12-93 13:47:21	71.8
06-12-93 13:48:54	AAH71	NORMAL of 06-12-93 13:45:54	330.5
06-12-93 13:50:12	* FAD15D	DEV ALARM AIR INJECTOR D, FLOW= 83 SCFM	
06-12-93 13:50:14	FAD15D	ACK of 06-12-93 13:50:12	83
06-12-93 13:50:24	FAD15D	NORMAL of 06-12-93 13:50:12	85
06-12-93 13:51:15	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93 13:51:17	FAH04A	ACK of 06-12-93 13:51:15	184
06-12-93 13:51:18	FAH04A	NORMAL of 06-12-93 13:51:15	180
06-12-93 13:51:33	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 183 LB/MIN	
06-12-93 13:51:33	* FAD15D	DEV ALARM AIR INJECTOR D, FLOW= 84 SCFM	

06-12-93	13:51:39	* FAH04A	NORMAL of 06-12-93 13:51:33	180
06-12-93	13:51:53	FAD15D	ACK of 06-12-93 13:51:33	83
06-12-93	13:51:53	* FAH04A	ACK of 06-12-93 13:51:33	186
06-12-93	13:51:54	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 186 LB/MIN	
06-12-93	13:52:00	* FAH04A	NORMAL of 06-12-93 13:51:54	182
06-12-93	13:52:06	AAL56	NORMAL of 06-12-93 13:46:51	5.26
06-12-93	13:52:06	FAD15D	NORMAL of 06-12-93 13:51:33	89
06-12-93	13:52:33	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93	13:52:39	* FAH04A	NORMAL of 06-12-93 13:52:33	185
06-12-93	13:52:48	* AAH70	HIGH CO, 106.50 PPM	
06-12-93	13:52:51	AAH70	ACK of 06-12-93 13:52:48	115.7
06-12-93	13:52:51	* FAH04A	ACK of 06-12-93 13:52:33	178
06-12-93	13:52:52	* FAH04A	ACK of 06-12-93 13:51:54	178
06-12-93	13:52:54	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93	13:52:54	* FAD15D	DEV ALARM AIR INJECTOR D, FLOW= 84 SCFM	
06-12-93	13:52:57	* FAH04A	NORMAL of 06-12-93 13:52:54	182
06-12-93	13:52:57	AAH70	NORMAL of 06-12-93 13:52:48	104.8
06-12-93	13:53:09	* AAH70	HIGH CO, 118.20 PPM	
06-12-93	13:53:15	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93	13:53:21	* FAH04A	NORMAL of 06-12-93 13:53:15	180
06-12-93	13:53:21	* AAH70	NORMAL of 06-12-93 13:53:09	85.9
06-12-93	13:53:36	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 186 LB/MIN	
06-12-93	13:53:39	* FAH04A	NORMAL of 06-12-93 13:53:36	182
06-12-93	13:53:48	* FAD15D	NORMAL of 06-12-93 13:52:54	86
06-12-93	13:53:57	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	13:53:57	FAH04A	ACK of 06-12-93 13:53:57	185
06-12-93	13:53:58	* FAH04A	ACK of 06-12-93 13:53:36	185
06-12-93	13:53:58	* FAH04A	ACK of 06-12-93 13:53:15	183
06-12-93	13:53:58	* AAH70	ACK of 06-12-93 13:53:09	83.9
06-12-93	13:53:58	* FAD15D	ACK of 06-12-93 13:52:54	86
06-12-93	13:53:58	* FAH04A	ACK of 06-12-93 13:52:54	183
06-12-93	13:54:03	FAH04A	NORMAL of 06-12-93 13:53:57	179
06-12-93	13:54:12	* AAH70	HIGH CO, 130.60 PPM	
06-12-93	13:54:18	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 183 LB/MIN	
06-12-93	13:54:21	* FAH04A	NORMAL of 06-12-93 13:54:18	183
06-12-93	13:54:36	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 183 LB/MIN	
06-12-93	13:54:42	* FAH04A	NORMAL of 06-12-93 13:54:36	185
06-12-93	13:54:48	* AAH70	NORMAL of 06-12-93 13:54:12	92.2
06-12-93	13:54:57	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 186 LB/MIN	
06-12-93	13:54:57	* AAH70	HIGH CO, 104.90 PPM	
06-12-93	13:54:59	AAH70	ACK of 06-12-93 13:54:57	104.9
06-12-93	13:54:59	FAH04A	ACK of 06-12-93 13:54:57	186
06-12-93	13:54:59	* FAH04A	ACK of 06-12-93 13:54:36	186
06-12-93	13:54:59	* FAH04A	ACK of 06-12-93 13:54:18	186
06-12-93	13:54:59	* AAH70	ACK of 06-12-93 13:54:12	104.9
06-12-93	13:55:03	AAH70	NORMAL of 06-12-93 13:54:57	96.1
06-12-93	13:55:09	FAH04A	NORMAL of 06-12-93 13:54:57	181
06-12-93	13:55:09	* AAH70	HIGH CO, 104.40 PPM	
06-12-93	13:55:17	AAH70	ACK of 06-12-93 13:55:09	139.6
06-12-93	13:55:27	AAH70	NORMAL of 06-12-93 13:55:09	94.9
06-12-93	13:55:33	* AAH70	HIGH CO, 103.80 PPM	
06-12-93	13:55:39	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	13:55:39	* AAH70	NORMAL of 06-12-93 13:55:33	96.1
06-12-93	13:55:45	* FAH04A	NORMAL of 06-12-93 13:55:39	184
06-12-93	13:55:57	* AAH70	HIGH CO, 102.10 PPM	
06-12-93	13:56:00	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93	13:56:06	* FAH04A	NORMAL of 06-12-93 13:56:00	181
06-12-93	13:56:15	* FAH04A	ACK of 06-12-93 13:56:00	180
06-12-93	13:56:15	AAH70	ACK of 06-12-93 13:55:57	100.6
06-12-93	13:56:16	* FAH04A	ACK of 06-12-93 13:55:39	184

06-12-93 13:56:16	* AAH70	ACK of 06-12-93 13:55:33	98
06-12-93 13:56:18	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93 13:56:18	AAH70	NORMAL of 06-12-93 13:55:57	98
06-12-93 13:56:27	* FAH04A	NORMAL of 06-12-93 13:56:18	179
06-12-93 13:56:38	* FAH04A	ACK of 06-12-93 13:56:18	183
06-12-93 13:56:39	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 183 LB/MIN	
06-12-93 13:56:42	* AAL30	LOW 02 LEVEL IN STACK, 3.0 PERCENT	
06-12-93 13:56:48	AAL30	ACK of 06-12-93 13:56:42	3
06-12-93 13:56:48	FAH04A	ACK of 06-12-93 13:56:39	180
06-12-93 13:56:48	FAH04A	NORMAL of 06-12-93 13:56:39	180
06-12-93 13:56:51	AAL30	NORMAL of 06-12-93 13:56:42	3.1
06-12-93 13:57:03	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93 13:57:03	* AAL30	LOW 02 LEVEL IN STACK, 3.0 PERCENT	
06-12-93 13:57:06	* FAH04A	NORMAL of 06-12-93 13:57:03	180
06-12-93 13:57:12	* AAL30	NORMAL of 06-12-93 13:57:03	3.1
06-12-93 13:57:15	* AAL30	ACK of 06-12-93 13:57:03	3.1
06-12-93 13:57:15	* FAH04A	ACK of 06-12-93 13:57:03	181
06-12-93 13:57:21	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93 13:57:27	* FAH04A	NORMAL of 06-12-93 13:57:21	183
06-12-93 13:57:42	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93 13:57:48	* FAH04A	NORMAL of 06-12-93 13:57:42	179
06-12-93 13:58:03	* AAH70	HIGH CO, 104.50 PPM	
06-12-93 13:58:09	* AAH70	NORMAL of 06-12-93 13:58:03	78.4
06-12-93 13:58:21	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 186 LB/MIN	
06-12-93 13:58:23	FAH04A	ACK of 06-12-93 13:58:21	186
06-12-93 13:58:23	* AAH70	ACK of 06-12-93 13:58:03	51.7
06-12-93 13:58:23	* FAH04A	ACK of 06-12-93 13:57:42	186
06-12-93 13:58:23	* FAH04A	ACK of 06-12-93 13:57:21	186
06-12-93 13:58:24	FAH04A	NORMAL of 06-12-93 13:58:21	184
06-12-93 13:58:24	* AAL30	LOW 02 LEVEL IN STACK, 3.0 PERCENT	
06-12-93 13:58:33	* AAL30	NORMAL of 06-12-93 13:58:24	3.1
06-12-93 13:58:45	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 183 LB/MIN	
06-12-93 13:58:48	* FAH04A	NORMAL of 06-12-93 13:58:45	183
06-12-93 13:59:03	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 186 LB/MIN	
06-12-93 13:59:09	* FAH04A	NORMAL of 06-12-93 13:59:03	182
06-12-93 13:59:12	* FAH04A	ACK of 06-12-93 13:59:03	178
06-12-93 13:59:12	* FAH04A	ACK of 06-12-93 13:58:45	178
06-12-93 13:59:12	* AAL30	ACK of 06-12-93 13:58:24	3.1
06-12-93 13:59:15	* AAH71	HIGH SO2, 364.2 PPM	
06-12-93 13:59:24	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93 13:59:30	* FAH04A	NORMAL of 06-12-93 13:59:24	181
06-12-93 13:59:45	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 181 LB/MIN	
06-12-93 13:59:48	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.3 PH	
06-12-93 13:59:48	* FAH04A	NORMAL of 06-12-93 13:59:45	180
06-12-93 14:00:03	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 186 LB/MIN	
06-12-93 14:00:09	* FAH04A	NORMAL of 06-12-93 14:00:03	179
06-12-93 14:00:11	* FAH04A	ACK of 06-12-93 14:00:03	179
06-12-93 14:00:11	AAL56	ACK of 06-12-93 13:59:48	5.22
06-12-93 14:00:11	* FAH04A	ACK of 06-12-93 13:59:45	179
06-12-93 14:00:11	* FAH04A	ACK of 06-12-93 13:59:24	179
06-12-93 14:00:11	AAH71	ACK of 06-12-93 13:59:15	501.9
06-12-93 14:00:42	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93 14:00:48	* FAH04A	NORMAL of 06-12-93 14:00:42	183
06-12-93 14:00:54	* AAH70	HIGH CO, 121.70 PPM	
06-12-93 14:01:03	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 186 LB/MIN	
06-12-93 14:01:06	* FAH04A	NORMAL of 06-12-93 14:01:03	182
06-12-93 14:01:15	* AAH70	NORMAL of 06-12-93 14:00:54	94.1
06-12-93 14:01:24	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 183 LB/MIN	
06-12-93 14:01:24	* FAD15D	DEV ALARM AIR INJECTOR D, FLOW= 85 SCFM	
06-12-93 14:01:26	FAD15D	ACK of 06-12-93 14:01:24	85

06-12-93	14:01:26	FAH04A	ACK of 06-12-93 14:01:24	183
06-12-93	14:01:26	* FAH04A	ACK of 06-12-93 14:01:03	183
06-12-93	14:01:26	* AAH70	ACK of 06-12-93 14:00:54	77.6
06-12-93	14:01:27	* FAH04A	ACK of 06-12-93 14:00:42	183
06-12-93	14:01:30	FAH04A	NORMAL of 06-12-93 14:01:24	179
06-12-93	14:01:42	* AAH70	HIGH CO, 101.90 PPM	
06-12-93	14:01:45	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 187 LB/MIN	
06-12-93	14:01:48	* FAH04A	NORMAL of 06-12-93 14:01:45	180
06-12-93	14:01:48	* AAH70	NORMAL of 06-12-93 14:01:42	101.9
06-12-93	14:01:57	* AAH70	HIGH CO, 113.40 PPM	
06-12-93	14:02:06	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93	14:02:09	* FAH04A	NORMAL of 06-12-93 14:02:06	181
06-12-93	14:02:09	* AAH70	NORMAL of 06-12-93 14:01:57	91
06-12-93	14:02:09	* FAH04A	ACK of 06-12-93 14:02:06	181
06-12-93	14:02:09	* AAH70	ACK of 06-12-93 14:01:57	91
06-12-93	14:02:09	* FAH04A	ACK of 06-12-93 14:01:45	181
06-12-93	14:02:10	* AAH70	ACK of 06-12-93 14:01:42	91
06-12-93	14:02:27	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	14:02:30	* FAH04A	NORMAL of 06-12-93 14:02:27	180
06-12-93	14:02:33	* FAH04A	ACK of 06-12-93 14:02:27	180
06-12-93	14:02:39	* AAH70	HIGH CO, 118.60 PPM	
06-12-93	14:02:43	AAH70	ACK of 06-12-93 14:02:39	92.9
06-12-93	14:02:48	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	14:02:48	AAH70	NORMAL of 06-12-93 14:02:39	92.9
06-12-93	14:02:51	* FAH04A	NORMAL of 06-12-93 14:02:48	181
06-12-93	14:03:06	* FAH04A	ACK of 06-12-93 14:02:48	184
06-12-93	14:03:12	AAH71	NORMAL of 06-12-93 13:59:15	335.9
06-12-93	14:03:45	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 187 LB/MIN	
06-12-93	14:03:51	* FAH04A	NORMAL of 06-12-93 14:03:45	183
06-12-93	14:04:09	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	14:04:12	* FAH04A	NORMAL of 06-12-93 14:04:09	183
06-12-93	14:04:27	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93	14:04:33	* FAH04A	NORMAL of 06-12-93 14:04:27	181
06-12-93	14:04:38	* FAH04A	ACK of 06-12-93 14:04:27	179
06-12-93	14:04:39	* FAH04A	ACK of 06-12-93 14:04:09	179
06-12-93	14:04:39	* FAH04A	ACK of 06-12-93 14:03:45	179
06-12-93	14:04:48	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93	14:04:51	* FAH04A	NORMAL of 06-12-93 14:04:48	180
06-12-93	14:05:06	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 186 LB/MIN	
06-12-93	14:05:12	* FAH04A	NORMAL of 06-12-93 14:05:06	181
06-12-93	14:05:27	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 186 LB/MIN	
06-12-93	14:05:27	* FAH22C	HIGH FLOW TO NOZZLE C, FLOW= 41.8 LB/MIN	
06-12-93	14:05:30	* FAH22C	NORMAL of 06-12-93 14:05:27	41.38
06-12-93	14:05:33	* FAH04A	NORMAL of 06-12-93 14:05:27	182
06-12-93	14:05:45	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 370 GPM	
06-12-93	14:05:45	* AAH70	HIGH CO, 149.50 PPM	
06-12-93	14:05:48	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 187 LB/MIN	
06-12-93	14:05:48	* FAL87	NORMAL of 06-12-93 14:05:45	370
06-12-93	14:05:54	* FAH04A	NORMAL of 06-12-93 14:05:48	181
06-12-93	14:05:57	* AAH70	NORMAL of 06-12-93 14:05:45	96.5
06-12-93	14:06:03	* AAH70	HIGH CO, 130.40 PPM	
06-12-93	14:06:06	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 186 LB/MIN	
06-12-93	14:06:15	* FAH04A	NORMAL of 06-12-93 14:06:06	183
06-12-93	14:06:27	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93	14:06:30	AAL56	NORMAL of 06-12-93 13:59:48	5.23
06-12-93	14:06:33	* FAH04A	NORMAL of 06-12-93 14:06:27	183
06-12-93	14:06:36	* AAH70	NORMAL of 06-12-93 14:06:03	77.1
06-12-93	14:06:44	* FAH04A	ACK of 06-12-93 14:06:27	184
06-12-93	14:06:44	* FAH04A	ACK of 06-12-93 14:06:06	184
06-12-93	14:06:44	* AAH70	ACK of 06-12-93 14:06:03	84.7

06-12-93 14:06:44	* FAH04A	ACK of 06-12-93 14:05:48	184
06-12-93 14:06:45	* AAH70	ACK of 06-12-93 14:05:45	84.7
06-12-93 14:06:45	* FAL87	ACK of 06-12-93 14:05:45	372
06-12-93 14:06:45	* FAH22C	ACK of 06-12-93 14:05:27	41.68
06-12-93 14:06:45	* FAH04A	ACK of 06-12-93 14:05:27	184
06-12-93 14:06:45	* FAH04A	ACK of 06-12-93 14:05:06	184
06-12-93 14:06:45	* FAH04A	ACK of 06-12-93 14:04:48	184
06-12-93 14:06:48	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93 14:06:54	* FAH04A	NORMAL of 06-12-93 14:06:48	183
06-12-93 14:06:54	* FAH04A	ACK of 06-12-93 14:06:48	183
06-12-93 14:07:09	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 186 LB/MIN	
06-12-93 14:07:12	* AAH70	HIGH CO, 101.80 PPM	
06-12-93 14:07:15	* FAH04A	NORMAL of 06-12-93 14:07:09	183
06-12-93 14:07:30	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 187 LB/MIN	
06-12-93 14:07:36	* FAH04A	NORMAL of 06-12-93 14:07:30	184
06-12-93 14:07:36	* AAH70	NORMAL of 06-12-93 14:07:12	85.9
06-12-93 14:07:45	* FAH04A	ACK of 06-12-93 14:07:30	183
06-12-93 14:07:45	* AAH70	ACK of 06-12-93 14:07:12	81.5
06-12-93 14:07:46	* FAH04A	ACK of 06-12-93 14:07:09	183
06-12-93 14:07:51	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 183 LB/MIN	
06-12-93 14:07:57	* FAH04A	NORMAL of 06-12-93 14:07:51	182
06-12-93 14:07:57	* AAH70	HIGH CO, 114.80 PPM	
06-12-93 14:08:05	AAH70	ACK of 06-12-93 14:07:57	124.4
06-12-93 14:08:05	* FAH04A	ACK of 06-12-93 14:07:51	182
06-12-93 14:08:09	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93 14:08:15	AAH70	NORMAL of 06-12-93 14:07:57	73.8
06-12-93 14:08:18	* FAH04A	NORMAL of 06-12-93 14:08:09	179
06-12-93 14:08:33	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 187 LB/MIN	
06-12-93 14:08:38	FAH04A	ACK of 06-12-93 14:08:33	186
06-12-93 14:08:38	* FAH04A	ACK of 06-12-93 14:08:09	186
06-12-93 14:08:39	FAH04A	NORMAL of 06-12-93 14:08:33	186
06-12-93 14:08:51	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 186 LB/MIN	
06-12-93 14:08:51	* AAH70	HIGH CO, 134.50 PPM	
06-12-93 14:08:51	XFER3_C	NORMAL of 06-12-93 11:14:50	
06-12-93 14:08:53	AAH70	ACK of 06-12-93 14:08:51	134.5
06-12-93 14:08:53	FAH04A	ACK of 06-12-93 14:08:51	186
06-12-93 14:09:00	FAH04A	NORMAL of 06-12-93 14:08:51	182
06-12-93 14:09:12	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93 14:09:12	AAH70	NORMAL of 06-12-93 14:08:51	96.7
06-12-93 14:09:21	* FAH04A	NORMAL of 06-12-93 14:09:12	183
06-12-93 14:09:21	* AAH70	HIGH CO, 102.10 PPM	
06-12-93 14:09:21	XFER2_C	NORMAL of 06-12-93 11:14:50	
06-12-93 14:09:33	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 188 LB/MIN	
06-12-93 14:09:33	* AAH70	NORMAL of 06-12-93 14:09:21	93.6
06-12-93 14:09:42	* FAH04A	NORMAL of 06-12-93 14:09:33	182
06-12-93 14:09:54	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 188 LB/MIN	
06-12-93 14:10:09	* FAH04A	NORMAL of 06-12-93 14:09:54	182
06-12-93 14:10:09	* AAH70	HIGH CO, 125.30 PPM	
06-12-93 14:10:15	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 182 LB/MIN	
06-12-93 14:10:21	* AAH70	NORMAL of 06-12-93 14:10:09	79.6
06-12-93 14:10:24	* FAH04A	NORMAL of 06-12-93 14:10:15	183
06-12-93 14:10:27	* FAH04A	ACK of 06-12-93 14:10:15	183
06-12-93 14:10:27	* AAH70	ACK of 06-12-93 14:10:09	79.6
06-12-93 14:10:27	* FAH04A	ACK of 06-12-93 14:09:54	183
06-12-93 14:10:27	* FAH04A	ACK of 06-12-93 14:09:33	183
06-12-93 14:10:27	* AAH70	ACK of 06-12-93 14:09:21	79.6
06-12-93 14:10:27	* FAH04A	ACK of 06-12-93 14:09:12	183
06-12-93 14:10:30	* AAH70	HIGH CO, 156.60 PPM	
06-12-93 14:10:36	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 189 LB/MIN	
06-12-93 14:10:42	* FAH04A	NORMAL of 06-12-93 14:10:36	183

06-12-93	14:10:57	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	14:11:03	* FAH04A	NORMAL of 06-12-93 14:10:57	185
06-12-93	14:11:03	* AAH70	NORMAL of 06-12-93 14:10:30	93.3
06-12-93	14:11:09	* AAH70	HIGH CO, 106.80 PPM	
06-12-93	14:11:12	AAH70	ACK of 06-12-93 14:11:09	127.3
06-12-93	14:11:12	* FAH04A	ACK of 06-12-93 14:10:57	183
06-12-93	14:11:12	* FAH04A	ACK of 06-12-93 14:10:36	183
06-12-93	14:11:12	* AAH70	ACK of 06-12-93 14:10:30	127.3
06-12-93	14:11:15	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 187 LB/MIN	
06-12-93	14:11:27	* FAH04A	NORMAL of 06-12-93 14:11:15	182
06-12-93	14:11:33	AAH70	NORMAL of 06-12-93 14:11:09	93.9
06-12-93	14:11:36	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93	14:11:45	* FAH04A	NORMAL of 06-12-93 14:11:36	186
06-12-93	14:11:51	* AAH70	HIGH CO, 101.30 PPM	
06-12-93	14:11:57	* AAH70	NORMAL of 06-12-93 14:11:51	95.5
06-12-93	14:12:03	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 186 LB/MIN	
06-12-93	14:12:03	* AAL30	LOW 02 LEVEL IN STACK, 3.0 PERCENT	
06-12-93	14:12:06	* FAH04A	NORMAL of 06-12-93 14:12:03	181
06-12-93	14:12:06	AAL30	ACK of 06-12-93 14:12:03	3
06-12-93	14:12:06	* FAH04A	ACK of 06-12-93 14:12:03	181
06-12-93	14:12:07	* AAH70	ACK of 06-12-93 14:11:51	63.1
06-12-93	14:12:07	* FAH04A	ACK of 06-12-93 14:11:36	181
06-12-93	14:12:07	* FAH04A	ACK of 06-12-93 14:11:15	181
06-12-93	14:12:18	* AAH70	HIGH CO, 99.30 PPM	
06-12-93	14:12:24	* AAH70	NORMAL of 06-12-93 14:12:18	82.7
06-12-93	14:12:39	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 187 LB/MIN	
06-12-93	14:12:39	AAL30	NORMAL of 06-12-93 14:12:03	3.1
06-12-93	14:12:48	* FAH04A	NORMAL of 06-12-93 14:12:39	182
06-12-93	14:13:00	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 186 LB/MIN	
06-12-93	14:13:06	* FAH04A	NORMAL of 06-12-93 14:13:00	181
06-12-93	14:13:21	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 188 LB/MIN	
06-12-93	14:13:27	* FAH04A	NORMAL of 06-12-93 14:13:21	182
06-12-93	14:13:33	* FAH04A	ACK of 06-12-93 14:13:21	182
06-12-93	14:13:34	* FAH04A	ACK of 06-12-93 14:13:00	182
06-12-93	14:13:34	* FAH04A	ACK of 06-12-93 14:12:39	182
06-12-93	14:13:35	* AAH70	ACK of 06-12-93 14:12:18	103
06-12-93	14:13:39	* AAH70	HIGH CO, 122.40 PPM	
06-12-93	14:13:42	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 183 LB/MIN	
06-12-93	14:13:48	* FAH04A	NORMAL of 06-12-93 14:13:42	182
06-12-93	14:13:48	* AAH70	NORMAL of 06-12-93 14:13:39	86.7
06-12-93	14:13:54	FAD15D	NORMAL of 06-12-93 14:01:24	87
06-12-93	14:13:57	* AAH71	HIGH SO2, 349.6 PPM	
06-12-93	14:13:58	AAH71	ACK of 06-12-93 14:13:57	367.1
06-12-93	14:13:58	* FAH04A	ACK of 06-12-93 14:13:42	188
06-12-93	14:13:58	* AAH70	ACK of 06-12-93 14:13:39	89
06-12-93	14:14:00	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 188 LB/MIN	
06-12-93	14:14:06	* FAH04A	NORMAL of 06-12-93 14:14:00	181
06-12-93	14:14:06	* AAL30	LOW 02 LEVEL IN STACK, 3.0 PERCENT	
06-12-93	14:14:10	AAL30	ACK of 06-12-93 14:14:06	3
06-12-93	14:14:10	* FAH04A	ACK of 06-12-93 14:14:00	179
06-12-93	14:14:15	AAL30	NORMAL of 06-12-93 14:14:06	3.1
06-12-93	14:14:21	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 186 LB/MIN	
06-12-93	14:14:24	* FAD15D	DEV ALARM AIR INJECTOR D, FLOW= 85 SCFM	
06-12-93	14:14:28	FAD15D	ACK of 06-12-93 14:14:24	88
06-12-93	14:14:28	FAH04A	ACK of 06-12-93 14:14:21	182
06-12-93	14:14:30	FAH04A	NORMAL of 06-12-93 14:14:21	182
06-12-93	14:14:33	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.3 PH	
06-12-93	14:14:33	* AAH70	HIGH CO, 116.70 PPM	
06-12-93	14:14:42	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 187 LB/MIN	
06-12-93	14:14:45	* AAH70	NORMAL of 06-12-93 14:14:33	92.7

06-12-93 14:14:48	* FAH04A	NORMAL of 06-12-93 14:14:42	181
06-12-93 14:15:06	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 180 LB/MIN	
06-12-93 14:15:06	* AAL30	LOW 02 LEVEL IN STACK, 3.0 PERCENT	
06-12-93 14:15:09	* FAH04A	NORMAL of 06-12-93 14:15:06	180
06-12-93 14:15:24	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 187 LB/MIN	
06-12-93 14:15:33	* FAH04A	NORMAL of 06-12-93 14:15:24	179
06-12-93 14:15:42	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93 14:15:51	* FAH04A	NORMAL of 06-12-93 14:15:42	181
06-12-93 14:15:57	* AAL30	NORMAL of 06-12-93 14:15:06	3.1
06-12-93 14:16:00	* AAH70	HIGH CO, 116.00 PPM	
06-12-93 14:16:03	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 187 LB/MIN	
06-12-93 14:16:12	* FAH04A	NORMAL of 06-12-93 14:16:03	186
06-12-93 14:16:12	* AAH70	NORMAL of 06-12-93 14:16:00	99.7
06-12-93 14:16:18	FAD15D	NORMAL of 06-12-93 14:14:24	86
06-12-93 14:16:24	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93 14:16:33	* FAH04A	NORMAL of 06-12-93 14:16:24	183
06-12-93 14:16:45	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 186 LB/MIN	
06-12-93 14:16:51	* FAH04A	NORMAL of 06-12-93 14:16:45	186
06-12-93 14:16:51	* AAL30	LOW 02 LEVEL IN STACK, 3.0 PERCENT	
06-12-93 14:17:00	* AAL30	NORMAL of 06-12-93 14:16:51	3.1
06-12-93 14:17:03	* AAL30	LOW 02 LEVEL IN STACK, 3.1 PERCENT	
06-12-93 14:17:06	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 188 LB/MIN	
06-12-93 14:17:18	* FAH04A	NORMAL of 06-12-93 14:17:06	182
06-12-93 14:17:21	* AAL30	NORMAL of 06-12-93 14:17:03	3.1
06-12-93 14:17:24	* AAL30	LOW 02 LEVEL IN STACK, 3.0 PERCENT	
06-12-93 14:17:25	AAL30	ACK of 06-12-93 14:17:24	3
06-12-93 14:17:26	* FAH04A	ACK of 06-12-93 14:17:06	188
06-12-93 14:17:26	* AAL30	ACK of 06-12-93 14:17:03	3
06-12-93 14:17:26	* AAL30	ACK of 06-12-93 14:16:51	3
06-12-93 14:17:26	* FAH04A	ACK of 06-12-93 14:16:45	188
06-12-93 14:17:26	* FAH04A	ACK of 06-12-93 14:16:24	188
06-12-93 14:17:27	* FAH04A	ACK of 06-12-93 14:16:03	188
06-12-93 14:17:27	* AAH70	ACK of 06-12-93 14:16:00	82.5
06-12-93 14:17:27	* FAH04A	ACK of 06-12-93 14:15:42	188
06-12-93 14:17:27	* FAH04A	ACK of 06-12-93 14:15:24	188
06-12-93 14:17:27	* AAL30	ACK of 06-12-93 14:15:06	3
06-12-93 14:17:27	* FAH04A	ACK of 06-12-93 14:15:06	188
06-12-93 14:17:28	* FAH04A	ACK of 06-12-93 14:14:42	188
06-12-93 14:17:28	* AAH70	ACK of 06-12-93 14:14:33	82.5
06-12-93 14:17:28	AAL56	ACK of 06-12-93 14:14:33	5.02
06-12-93 14:17:28	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 187 LB/MIN	
06-12-93 14:17:36	* FAH04A	NORMAL of 06-12-93 14:17:28	181
06-12-93 14:17:36	AAL30	NORMAL of 06-12-93 14:17:24	3.1
06-12-93 14:17:45	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 182 LB/MIN	
06-12-93 14:17:57	* FAH04A	NORMAL of 06-12-93 14:17:45	184
06-12-93 14:18:03	AAH71	NORMAL of 06-12-93 14:13:57	337.8
06-12-93 14:18:30	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 187 LB/MIN	
06-12-93 14:18:36	* FAH04A	NORMAL of 06-12-93 14:18:30	185
06-12-93 14:18:48	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 189 LB/MIN	
06-12-93 14:18:51	* AAL30	LOW 02 LEVEL IN STACK, 3.0 PERCENT	
06-12-93 14:18:57	* FAH04A	NORMAL of 06-12-93 14:18:48	183
06-12-93 14:19:00	* AAL30	NORMAL of 06-12-93 14:18:51	3.1
06-12-93 14:19:09	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 183 LB/MIN	
06-12-93 14:19:18	* FAH04A	NORMAL of 06-12-93 14:19:09	180
06-12-93 14:19:27	* AAH70	HIGH CO, 123.30 PPM	
06-12-93 14:19:30	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 186 LB/MIN	
06-12-93 14:19:36	* AAH70	NORMAL of 06-12-93 14:19:27	89
06-12-93 14:19:39	* FAH04A	NORMAL of 06-12-93 14:19:30	180
06-12-93 14:19:45	* AAH70	HIGH CO, 122.30 PPM	
06-12-93 14:19:51	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 187 LB/MIN	

06-12-93	14:19:57	* AAH70	NORMAL of 06-12-93 14:19:45	89.8
06-12-93	14:20:06	* FAH04A	NORMAL of 06-12-93 14:19:51	181
06-12-93	14:20:06	* AAH70	HIGH CO, 104.10 PPM	
06-12-93	14:20:08	AAH70	ACK of 06-12-93 14:20:06	140.3
06-12-93	14:20:08	* FAH04A	ACK of 06-12-93 14:19:51	186
06-12-93	14:20:08	* AAH70	ACK of 06-12-93 14:19:45	140.3
06-12-93	14:20:08	* FAH04A	ACK of 06-12-93 14:19:30	186
06-12-93	14:20:08	* AAH70	ACK of 06-12-93 14:19:27	140.3
06-12-93	14:20:09	* FAH04A	ACK of 06-12-93 14:19:09	186
06-12-93	14:20:09	* AAL30	ACK of 06-12-93 14:18:51	3.1
06-12-93	14:20:09	* FAH04A	ACK of 06-12-93 14:18:48	186
06-12-93	14:20:09	* FAH04A	ACK of 06-12-93 14:18:30	186
06-12-93	14:20:09	* FAH04A	ACK of 06-12-93 14:17:45	186
06-12-93	14:20:10	* FAH04A	ACK of 06-12-93 14:17:28	186
06-12-93	14:20:30	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 186 LB/MIN	
06-12-93	14:20:36	AAH70	NORMAL of 06-12-93 14:20:06	91.7
06-12-93	14:20:39	* FAH04A	NORMAL of 06-12-93 14:20:30	181
06-12-93	14:20:51	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 187 LB/MIN	
06-12-93	14:20:52	FAH04A	ACK of 06-12-93 14:20:51	188
06-12-93	14:20:52	* FAH04A	ACK of 06-12-93 14:20:30	188
06-12-93	14:20:57	* AAL30	LOW 02 LEVEL IN STACK, 3.0 PERCENT	
06-12-93	14:21:00	* AAL30	NORMAL of 06-12-93 14:20:57	3.1
06-12-93	14:21:03	FAH04A	NORMAL of 06-12-93 14:20:51	180
06-12-93	14:21:09	* AAH70	HIGH CO, 131.70 PPM	
06-12-93	14:21:12	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	14:21:18	* PAH103A	HI PRESS WASTE XFER PUMP P103A	
06-12-93	14:21:18	* XFER2_MF	XFER MALFUN. STORAGE TO DAY TKS	
06-12-93	14:21:18	XFER2_MF	ACK of 06-12-93 14:21:18	
06-12-93	14:21:18	PAH103A	ACK of 06-12-93 14:21:18	
06-12-93	14:21:18	FAH04A	ACK of 06-12-93 14:21:12	183
06-12-93	14:21:19	AAH70	ACK of 06-12-93 14:21:09	87.8
06-12-93	14:21:19	* AAL30	ACK of 06-12-93 14:20:57	3.4
06-12-93	14:21:21	FAH04A	NORMAL of 06-12-93 14:21:12	183
06-12-93	14:21:21	PAH103A	NORMAL of 06-12-93 14:21:18	
06-12-93	14:21:21	AAH70	NORMAL of 06-12-93 14:21:09	87.8
06-12-93	14:21:24	AAL56	NORMAL of 06-12-93 14:14:33	5.28
06-12-93	14:21:33	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93	14:21:33	* AAH70	HIGH CO, 101.40 PPM	
06-12-93	14:21:35	AAH70	ACK of 06-12-93 14:21:33	101.4
06-12-93	14:21:35	FAH04A	ACK of 06-12-93 14:21:33	186
06-12-93	14:21:39	AAH70	NORMAL of 06-12-93 14:21:33	101.4
06-12-93	14:21:42	FAH04A	NORMAL of 06-12-93 14:21:33	181
06-12-93	14:21:51	* AAH70	HIGH CO, 110.20 PPM	
06-12-93	14:21:54	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 186 LB/MIN	
06-12-93	14:21:55	FAH04A	ACK of 06-12-93 14:21:54	186
06-12-93	14:21:55	AAH70	ACK of 06-12-93 14:21:51	103.3
06-12-93	14:21:57	* FAD15D	DEV ALARM AIR INJECTOR D, FLOW= 84 SCFM	
06-12-93	14:22:00	FAH04A	NORMAL of 06-12-93 14:21:54	181
06-12-93	14:22:00	AAH70	NORMAL of 06-12-93 14:21:51	73.4
06-12-93	14:22:06	FAD15D	ACK of 06-12-93 14:21:57	88
06-12-93	14:22:15	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 186 LB/MIN	
06-12-93	14:22:21	* FAH04A	NORMAL of 06-12-93 14:22:15	181
06-12-93	14:22:33	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 184 LB/MIN	
06-12-93	14:22:42	* FAH04A	NORMAL of 06-12-93 14:22:33	181
06-12-93	14:22:51	* AAH70	HIGH CO, 110.40 PPM	
06-12-93	14:22:53	AAH70	ACK of 06-12-93 14:22:51	110.4
06-12-93	14:22:53	* FAH04A	ACK of 06-12-93 14:22:33	185
06-12-93	14:22:53	* FAH04A	ACK of 06-12-93 14:22:15	185
06-12-93	14:22:54	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	14:23:00	* FAH04A	NORMAL of 06-12-93 14:22:54	183

06-12-93 14:23:00	AAH70	NORMAL of 06-12-93 14:22:51	95.2
06-12-93 14:23:15	XFER2CAN	NORMAL of 06-12-93 11:14:33	
06-12-93 14:23:15	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	186 LB/MIN
06-12-93 14:23:15	XFER2 MF	NORMAL of 06-12-93 14:21:18	
06-12-93 14:23:18	FAH04A	ACK of 06-12-93 14:23:15	182
06-12-93 14:23:18	* FAH04A	ACK of 06-12-93 14:22:54	182
06-12-93 14:23:21	FAH04A	NORMAL of 06-12-93 14:23:15	178
06-12-93 14:23:33	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	186 LB/MIN
06-12-93 14:23:35	FAH04A	ACK of 06-12-93 14:23:33	185
06-12-93 14:23:42	FAH04A	NORMAL of 06-12-93 14:23:33	182
06-12-93 14:24:12	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	185 LB/MIN
06-12-93 14:24:21	* FAH04A	NORMAL of 06-12-93 14:24:12	180
06-12-93 14:24:30	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	185 LB/MIN
06-12-93 14:24:30	* AAH70	HIGH CO, 104.50 PPM	
06-12-93 14:24:32	AAH70	ACK of 06-12-93 14:24:30	104.5
06-12-93 14:24:32	FAH04A	ACK of 06-12-93 14:24:30	185
06-12-93 14:24:32	* FAH04A	ACK of 06-12-93 14:24:12	185
06-12-93 14:24:36	FAH04A	NORMAL of 06-12-93 14:24:30	185
06-12-93 14:24:36	AAH70	NORMAL of 06-12-93 14:24:30	91.2
06-12-93 14:24:51	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	186 LB/MIN
06-12-93 14:25:00	* FAH04A	NORMAL of 06-12-93 14:24:51	182
06-12-93 14:25:06	FAD15D	NORMAL of 06-12-93 14:21:57	88
06-12-93 14:25:12	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	185 LB/MIN
06-12-93 14:25:14	FAH04A	ACK of 06-12-93 14:25:12	186
06-12-93 14:25:14	* FAH04A	ACK of 06-12-93 14:24:51	186
06-12-93 14:25:21	FAH04A	NORMAL of 06-12-93 14:25:12	183
06-12-93 14:25:33	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	187 LB/MIN
06-12-93 14:25:36	FAH04A	ACK of 06-12-93 14:25:33	187
06-12-93 14:25:42	FAH04A	NORMAL of 06-12-93 14:25:33	183
06-12-93 14:25:48	* AAH70	HIGH CO, 113.60 PPM	
06-12-93 14:25:54	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	185 LB/MIN
06-12-93 14:25:57	FAH04A	ACK of 06-12-93 14:25:54	186
06-12-93 14:25:57	AAH70	ACK of 06-12-93 14:25:48	83.9
06-12-93 14:26:00	AAH70	NORMAL of 06-12-93 14:25:48	67.8
06-12-93 14:26:03	FAH04A	NORMAL of 06-12-93 14:25:54	182
06-12-93 14:26:15	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	186 LB/MIN
06-12-93 14:26:24	* FAH04A	NORMAL of 06-12-93 14:26:15	179
06-12-93 14:26:36	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	186 LB/MIN
06-12-93 14:26:42	* FAH04A	NORMAL of 06-12-93 14:26:36	186
06-12-93 14:26:57	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	185 LB/MIN
06-12-93 14:27:03	* FAH04A	NORMAL of 06-12-93 14:26:57	182
06-12-93 14:27:18	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	184 LB/MIN
06-12-93 14:27:19	FAH04A	ACK of 06-12-93 14:27:18	184
06-12-93 14:27:19	* FAH04A	ACK of 06-12-93 14:26:57	184
06-12-93 14:27:20	* FAH04A	ACK of 06-12-93 14:26:36	184
06-12-93 14:27:20	* FAH04A	ACK of 06-12-93 14:26:15	184
06-12-93 14:27:24	FAH04A	NORMAL of 06-12-93 14:27:18	180
06-12-93 14:27:39	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	186 LB/MIN
06-12-93 14:27:45	* FAH04A	NORMAL of 06-12-93 14:27:39	180
06-12-93 14:27:57	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	186 LB/MIN
06-12-93 14:28:00	* FAD15D	DEV ALARM AIR INJECTOR D, FLOW=	86 SCFM
06-12-93 14:28:03	* FAH04A	NORMAL of 06-12-93 14:27:57	185
06-12-93 14:28:09	* FAD15D	NORMAL of 06-12-93 14:28:00	88
06-12-93 14:28:18	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	185 LB/MIN
06-12-93 14:28:21	FAH04A	ACK of 06-12-93 14:28:18	185
06-12-93 14:28:21	* FAD15D	ACK of 06-12-93 14:28:00	86
06-12-93 14:28:21	* FAH04A	ACK of 06-12-93 14:27:57	185
06-12-93 14:28:21	* FAH04A	ACK of 06-12-93 14:27:39	185
06-12-93 14:28:24	FAH04A	NORMAL of 06-12-93 14:28:18	181
06-12-93 14:28:39	* FAH04A	HIGH WASTE FEED FLOW, FLOW=	184 LB/MIN

06-12-93	14:28:39	* AAH71	HIGH SO2, 357.9 PPM	
06-12-93	14:28:42	AAH71	ACK of 06-12-93 14:28:39	375.4
06-12-93	14:28:42	FAH04A	ACK of 06-12-93 14:28:39	184
06-12-93	14:28:45	FAH04A	NORMAL of 06-12-93 14:28:39	184
06-12-93	14:29:00	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	14:29:06	* FAH04A	NORMAL of 06-12-93 14:29:00	181
06-12-93	14:29:18	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.2 PH	
06-12-93	14:29:18	* XFER3CAN	WASTEWATER TO DAY TANKS TRANSFER CANCELLED	
06-12-93	14:29:18	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 186 LB/MIN	
06-12-93	14:29:21	FAH04A	ACK of 06-12-93 14:29:18	186
06-12-93	14:29:22	XFER3CAN	ACK of 06-12-93 14:29:18	
06-12-93	14:29:22	AAL56	ACK of 06-12-93 14:29:18	5.23
06-12-93	14:29:23	* FAH04A	ACK of 06-12-93 14:29:00	186
06-12-93	14:29:27	FAH04A	NORMAL of 06-12-93 14:29:18	181
06-12-93	14:29:39	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 187 LB/MIN	
06-12-93	14:29:39	* SV104C_F	COV104C FAULT	
06-12-93	14:29:45	SV104C_F	ACK of 06-12-93 14:29:39	
06-12-93	14:29:45	FAH04A	ACK of 06-12-93 14:29:39	181
06-12-93	14:29:48	FAH04A	NORMAL of 06-12-93 14:29:39	179
06-12-93	14:29:54	SV104C_F	NORMAL of 06-12-93 14:29:39	
06-12-93	14:29:57	XFER3CAN	NORMAL of 06-12-93 14:29:18	
06-12-93	14:30:00	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 186 LB/MIN	
06-12-93	14:30:07	FAH04A	ACK of 06-12-93 14:30:00	184
06-12-93	14:30:09	FAH04A	NORMAL of 06-12-93 14:30:00	184
06-12-93	14:30:21	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 187 LB/MIN	
06-12-93	14:30:24	FAH04A	ACK of 06-12-93 14:30:21	185
06-12-93	14:30:30	FAH04A	NORMAL of 06-12-93 14:30:21	180
06-12-93	14:30:42	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 186 LB/MIN	
06-12-93	14:30:50	FAH04A	ACK of 06-12-93 14:30:42	182
06-12-93	14:30:51	FAH04A	NORMAL of 06-12-93 14:30:42	182
06-12-93	14:31:03	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 186 LB/MIN	
06-12-93	14:31:03	* FAD15D	DEV ALARM AIR INJECTOR D, FLOW= 85 SCFM	
06-12-93	14:31:05	FAD15D	ACK of 06-12-93 14:31:03	85
06-12-93	14:31:05	FAH04A	ACK of 06-12-93 14:31:03	186
06-12-93	14:31:12	FAH04A	NORMAL of 06-12-93 14:31:03	180
06-12-93	14:31:15	FAD15D	NORMAL of 06-12-93 14:31:03	89
06-12-93	14:31:21	* XFER3CAN	WASTEWATER TO DAY TANKS TRANSFER CANCELLED	
06-12-93	14:31:21	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 414 GPM	
06-12-93	14:31:24	* FAH04A	HIGH WASTE FEED FLOW, FLOW= 185 LB/MIN	
06-12-93	14:31:24	* FAL87	NORMAL of 06-12-93 14:31:21	414
06-12-93	14:31:30	FAH04A	ACK of 06-12-93 14:31:24	182
06-12-93	14:31:30	* FAL87	ACK of 06-12-93 14:31:21	364
06-12-93	14:31:30	XFER3CAN	ACK of 06-12-93 14:31:21	
06-12-93	14:31:30	FAH04A	NORMAL of 06-12-93 14:31:24	182
06-12-93	14:31:30	* SV104C_F	COV104C FAULT	
06-12-93	14:31:32	SV104C_F	ACK of 06-12-93 14:31:30	
06-12-93	14:31:45	* FAD15D	DEV ALARM AIR INJECTOR D, FLOW= 83 SCFM	
06-12-93	14:31:47	FAD15D	ACK of 06-12-93 14:31:45	85
06-12-93	14:31:54	SV104C_F	NORMAL of 06-12-93 14:31:30	
06-12-93	14:32:24	XFER3CAN	NORMAL of 06-12-93 14:31:21	
06-12-93	14:32:24	* FAD22B	INJECTOR B DEV ALARM, FLOW= 28.6 LB/MIN	
06-12-93	14:32:28	FAD22B	ACK of 06-12-93 14:32:24	28.42
06-12-93	14:32:30	FAD22B	NORMAL of 06-12-93 14:32:24	28.42
06-12-93	14:32:42	AAH71	NORMAL of 06-12-93 14:28:39	334.9
06-12-93	14:33:42	FAD15D	NORMAL of 06-12-93 14:31:45	85
06-12-93	14:34:00	* DEV_OFF	DEVELOPMENT PLC OFFLINE	
06-12-93	14:34:05	DEV_OFF	ACK of 06-12-93 14:34:00	
06-12-93	14:34:16	DEV_OFF	NORMAL of 06-12-93 14:34:00	
06-12-93	14:35:57	AAL56	NORMAL of 06-12-93 14:29:18	5.24
06-12-93	14:36:12	* FAD15D	DEV ALARM AIR INJECTOR D, FLOW= 83 SCFM	

06-12-93	14:39:57	* FAH22C	HIGH FLOW TO NOZZLE C, FLOW= 42.2 LB/MIN	
06-12-93	14:40:03	* FAH22C	NORMAL of 06-12-93 14:39:57	41.63
06-12-93	14:40:29	* FAH22C	ACK of 06-12-93 14:39:57	41.44
06-12-93	14:40:29	FAD15D	ACK of 06-12-93 14:36:12	87
06-12-93	14:41:15	* FAH22C	HIGH FLOW TO NOZZLE C, FLOW= 42.0 LB/MIN	
06-12-93	14:41:24	* FAH22C	NORMAL of 06-12-93 14:41:15	41.52
06-12-93	14:42:01	* FAH22C	ACK of 06-12-93 14:41:15	41.7
06-12-93	14:43:54	* AAH71	HIGH SO2, 358.3 PPM	
06-12-93	14:44:27	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.3 PH	
06-12-93	14:44:59	AAL56	ACK of 06-12-93 14:44:27	5.19
06-12-93	14:44:59	AAH71	ACK of 06-12-93 14:43:54	501.4
06-12-93	14:46:45	* AAH70	HIGH CO, 141.80 PPM	
06-12-93	14:47:00	* AAH70	NORMAL of 06-12-93 14:46:45	66.5
06-12-93	14:47:45	AAH71	NORMAL of 06-12-93 14:43:54	334.4
06-12-93	14:48:06	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 363 GPM	
06-12-93	14:48:12	* FAL87	NORMAL of 06-12-93 14:48:06	345
06-12-93	14:48:12	* AAH70	HIGH CO, 122.90 PPM	
06-12-93	14:48:39	* AAH70	NORMAL of 06-12-93 14:48:12	76.8
06-12-93	14:49:51	* AAH70	HIGH CO, 113.60 PPM	
06-12-93	14:49:54	AAH70	ACK of 06-12-93 14:49:51	119.5
06-12-93	14:49:54	* AAH70	ACK of 06-12-93 14:48:12	119.5
06-12-93	14:49:54	* FAL87	ACK of 06-12-93 14:48:06	362
06-12-93	14:49:54	* AAH70	ACK of 06-12-93 14:46:45	119.5
06-12-93	14:50:00	* DEV_BAT	LOW BATTERY - DEVELOPMENT PLC	
06-12-93	14:50:00	* DEV_OFF	DEVELOPMENT PLC OFFLINE	
06-12-93	14:50:00	* DEV_D1_F	DEVELOPMENT PLC - I/O DROP #1 FAILURE	
06-12-93	14:50:02	DEV_D1_F	ACK of 06-12-93 14:50:00	
06-12-93	14:50:03	DEV_OFF	ACK of 06-12-93 14:50:00	
06-12-93	14:50:03	DEV_BAT	ACK of 06-12-93 14:50:00	
06-12-93	14:50:04	DEV_BAT	NORMAL of 06-12-93 14:50:00	
06-12-93	14:50:04	DEV_OFF	NORMAL of 06-12-93 14:50:00	
06-12-93	14:50:04	DEV_D1_F	NORMAL of 06-12-93 14:50:00	
06-12-93	14:50:15	AAH70	NORMAL of 06-12-93 14:49:51	87.9
06-12-93	14:50:33	* AAH70	HIGH CO, 106.50 PPM	
06-12-93	14:50:42	* AAH70	NORMAL of 06-12-93 14:50:33	83.8
06-12-93	14:50:45	AAL56	NORMAL of 06-12-93 14:44:27	5.26
06-12-93	14:51:24	* AAH70	ACK of 06-12-93 14:50:33	58.2
06-12-93	14:52:10	* DEV_BAT	LOW BATTERY - DEVELOPMENT PLC	
06-12-93	14:52:11	* DEV_OFF	DEVELOPMENT PLC OFFLINE	
06-12-93	14:52:11	* DEV_D1_F	DEVELOPMENT PLC - I/O DROP #1 FAILURE	
06-12-93	14:52:19	* DEV_BAT	NORMAL of 06-12-93 14:52:10	
06-12-93	14:52:19	* DEV_OFF	NORMAL of 06-12-93 14:52:11	
06-12-93	14:52:19	* DEV_D1_F	NORMAL of 06-12-93 14:52:11	
06-12-93	14:54:09	* P_THC_F	CEM (PRI) - THC ANALYZER FLAME OUT	
06-12-93	14:54:12	* AAH68	HIGH THC, 999999.90 PPM	
06-12-93	14:54:36	AAH68	ACK of 06-12-93 14:54:12	1e+006
06-12-93	14:54:36	P_THC_F	ACK of 06-12-93 14:54:09	
06-12-93	14:54:36	* DEV_D1_F	ACK of 06-12-93 14:52:11	
06-12-93	14:54:37	* DEV_OFF	ACK of 06-12-93 14:52:11	
06-12-93	14:54:37	* DEV_BAT	ACK of 06-12-93 14:52:10	
06-12-93	14:55:36	* FAL87	LOW FLOW QUENCH RECIRC, FLOW= 198 GPM	
06-12-93	14:55:51	* FAL87	NORMAL of 06-12-93 14:55:36	363
06-12-93	14:55:51	AAH68	NORMAL of 06-12-93 14:54:12	3.6
06-12-93	14:56:24	* PAH11	HIGH NATURAL GAS PRESSURE	
06-12-93	14:57:27	* PAH11	NORMAL of 06-12-93 14:56:24	
06-12-93	14:57:57	* PAH11	HIGH NATURAL GAS PRESSURE	
06-12-93	14:59:12	* PAH11	NORMAL of 06-12-93 14:57:57	
06-12-93	14:59:36	* PAH11	HIGH NATURAL GAS PRESSURE	
06-12-93	14:59:39	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.3 PH	
06-12-93	14:59:39	* AAH71	HIGH SO2, 350.5 PPM	

06-12-93	14:59:45	AAH71	ACK	of 06-12-93 14:59:39	363.7
06-12-93	14:59:45	AAL56	ACK	of 06-12-93 14:59:39	5.25
06-12-93	14:59:45	PAH11	ACK	of 06-12-93 14:59:36	
06-12-93	14:59:45	* PAH11	ACK	of 06-12-93 14:57:57	
06-12-93	14:59:46	* PAH11	ACK	of 06-12-93 14:56:24	
06-12-93	14:59:46	* FAL87	ACK	of 06-12-93 14:55:36	365
06-12-93	15:02:09	P_THC_F	NORMAL	of 06-12-93 14:54:09	
06-12-93	15:03:03	* FAL87	LOW FLOW QUENCH RECIRC, FLOW=	345 GPM	
06-12-93	15:03:03	AAH71	NORMAL	of 06-12-93 14:59:39	320.8
06-12-93	15:04:27	* FAL87	NORMAL	of 06-12-93 15:03:03	373
06-12-93	15:04:27	* AAH70	HIGH CO, 121.80 PPM		
06-12-93	15:04:39	* AAH70	NORMAL	of 06-12-93 15:04:27	114.6
06-12-93	15:05:00	* XFER2CAN	STORAGE TO DAY TANK TRANSFER CANCELLED		
06-12-93	15:05:01	* PAH103A	HI PRESS WASTE XFER PUMP P103A		
06-12-93	15:05:01	* XFER2_MF	XFER MALFUN. STORAGE TO DAY TKS		
06-12-93	15:05:02	XFER2_MF	ACK	of 06-12-93 15:05:01	
06-12-93	15:05:02	PAH103A	ACK	of 06-12-93 15:05:01	
06-12-93	15:05:02	XFER2CAN	ACK	of 06-12-93 15:05:00	
06-12-93	15:05:02	* AAH70	ACK	of 06-12-93 15:04:27	60.8
06-12-93	15:05:02	* FAL87	ACK	of 06-12-93 15:03:03	354
06-12-93	15:05:03	PAH103A	NORMAL	of 06-12-93 15:05:01	
06-12-93	15:06:00	PAH11	NORMAL	of 06-12-93 14:59:36	
06-12-93	15:06:21	AAL56	NORMAL	of 06-12-93 14:59:39	5.27
06-12-93	15:06:21	* PAH11	HIGH NATURAL GAS PRESSURE		
06-12-93	15:06:31	PAH11	ACK	of 06-12-93 15:06:21	
06-12-93	15:06:39	XFER2CAN	NORMAL	of 06-12-93 15:05:00	
06-12-93	15:06:39	XFER2_MF	NORMAL	of 06-12-93 15:05:01	
06-12-93	15:07:36	PAH11	NORMAL	of 06-12-93 15:06:21	
06-12-93	15:08:03	* PAH11	HIGH NATURAL GAS PRESSURE		
06-12-93	15:08:33	PAH11	ACK	of 06-12-93 15:08:03	
06-12-93	15:09:19	PAH11	NORMAL	of 06-12-93 15:08:03	
06-12-93	15:09:42	* PAH11	HIGH NATURAL GAS PRESSURE		
06-12-93	15:09:42	* PDAH53	VENTURI HI DIFF PRESSURE, 92.2 IN WC		
06-12-93	15:09:45	* PDAH53	NORMAL	of 06-12-93 15:09:42	92.2
06-12-93	15:09:45	* PDAH53	ACK	of 06-12-93 15:09:42	92.2
06-12-93	15:09:46	PAH11	ACK	of 06-12-93 15:09:42	
06-12-93	15:11:00	PAH11	NORMAL	of 06-12-93 15:09:42	
06-12-93	15:11:24	* PAH11	HIGH NATURAL GAS PRESSURE		
06-12-93	15:12:39	* PAH11	NORMAL	of 06-12-93 15:11:24	
06-12-93	15:13:09	* PAH11	HIGH NATURAL GAS PRESSURE		
06-12-93	15:14:24	* PAH11	NORMAL	of 06-12-93 15:13:09	
06-12-93	15:14:51	* PAH11	HIGH NATURAL GAS PRESSURE		
06-12-93	15:15:21	* AAH71	HIGH SO2, 353.0 PPM		
06-12-93	15:15:30	* AAL56	SCRUBBER/VENTURI RECYCLE PH LOW, 5.3 PH		
06-12-93	15:15:47	AAL56	ACK	of 06-12-93 15:15:30	5.23
06-12-93	15:15:47	AAH71	ACK	of 06-12-93 15:15:21	395
06-12-93	15:15:47	PAH11	ACK	of 06-12-93 15:14:51	
06-12-93	15:15:47	* PAH11	ACK	of 06-12-93 15:13:09	
06-12-93	15:15:47	* PAH11	ACK	of 06-12-93 15:11:24	
06-12-93	15:16:06	PAH11	NORMAL	of 06-12-93 15:14:51	
06-12-93	15:16:30	* PAH11	HIGH NATURAL GAS PRESSURE		
06-12-93	15:17:48	* PAH11	NORMAL	of 06-12-93 15:16:30	
06-12-93	15:18:15	* PAH11	HIGH NATURAL GAS PRESSURE		
06-12-93	15:18:36	AAH71	NORMAL	of 06-12-93 15:15:21	336.9
06-12-93	15:19:48	* PAH11	NORMAL	of 06-12-93 15:18:15	
06-12-93	15:19:54	* PAH11	HIGH NATURAL GAS PRESSURE		
06-12-93	15:19:57	AAL56	NORMAL	of 06-12-93 15:15:30	5.28
06-12-93	15:22:58	PAH11	ACK	of 06-12-93 15:19:54	
06-12-93	15:22:58	* PAH11	ACK	of 06-12-93 15:18:15	
06-12-93	15:22:58	* PAH11	ACK	of 06-12-93 15:16:30	

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CHICAGO, ILLINOIS

SQI STATUS
WASTE FEED ON
SQI TEMP. 1340 °F

WASTE FEED INTERLOCKS
INTERLOCK TESTING

INPUT: 34

Sat 06-12-1993 16:39:50

NO.	TEST NAME	PARAMETER DESCRIPTION	STATUS	VALUE	UNIT	TEST TIME
4	BAL-33A/B	NO FLAME ON EITHER BURNER FIREYE			---	16:12:24
5	TALL-34	SQI CHAMBER TEMPERATURE LOW-LOW			°F	16:12:58
101	PALL-27A	WASTE FEED NOZZLE A PRESSURE LOW-LOW		49	PSIG	16:14:00
120	PALL-27B	WASTE FEED NOZZLE B PRESSURE LOW-LOW		49	PSIG	16:15:06
130	PALL-27C	WASTE FEED NOZZLE C PRESSURE LOW-LOW		49	PSIG	16:16:18
140	PALL-27D	WASTE FEED NOZZLE D PRESSURE LOW-LOW		49	PSIG	16:17:24
150	PALL-27E	WASTE FEED NOZZLE E PRESSURE LOW-LOW		49	PSIG	16:18:34
16	FALL-60	VENTURI THROAT SPRAY FLOW LOW-LOW		100	GPM	16:20:12
18	FALL-65	PACKED TOWER SCRUBBER FLOW LOW-LOW		253	GPM	16:22:22
21	PALL-24	WASTE FEED PUMP PRESSURE LOW-LOW			---	16:22:58
23	PALL-22	PURGE WATER PRESSURE LOW-LOW			---	16:24:34
25	PDALL-53	VENTURI DP LOW-LOW		80.0	INWC	16:26:04
31	FALL-16/30	LOW LOW LOW TOTAL COMBUSTION AIR FLOW		3000	SCFM	16:26:46
33	C060HH	HIGH HIGH CO 60 MIN ROLLING AVERAGE		100.0	PPM	16:27:24
35	FALL-41	TOTAL 20% CAUSTIC FLOW LOW-LOW		10.0	GPM	16:28:12
36	FAHH-04A	AQUEOUS WASTE FLOW HIGH-HIGH		166	LB/MIN	16:29:16
37	FALL-56	SCRUBBER/VENTURI RECYCLE PH LOW-LOW		5.3	pH	16:30:24
39	RETTIM-LL	RETENTION TIME < 2.0 SECONDS		2.7	SECS	16:34:10
41	FALL-64	QUENCH RECYCLE PH LOW-LOW		4.0	pH	16:34:48
42	RAHH-59	QUENCH RECYCLE DENSITY HIGH-HIGH		1.30	SGU	16:35:24
43	L/G RATIO	VENTURI L/G RATIO LOW		9.3	GAL/MCF	16:36:04
45	ASLL-30	OXYGEN CONCENTRATION LOW LOW		3.0	%	16:39:36

TEST
STATUS

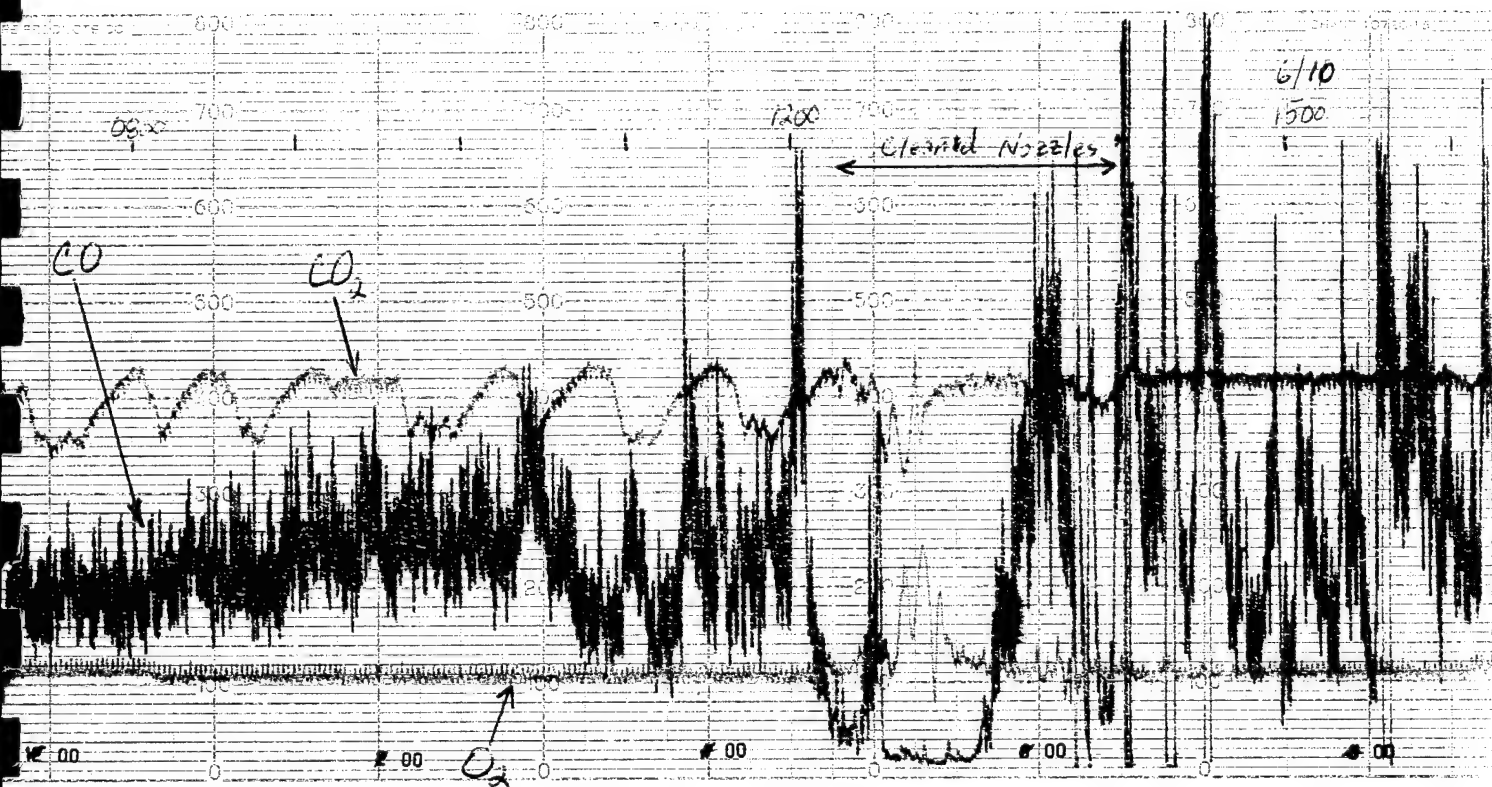
WASTE FEED
MASTER
INTERLOCK

TESTED BY: Greg B. Reper

WITNESSED BY: Greg B. Reper

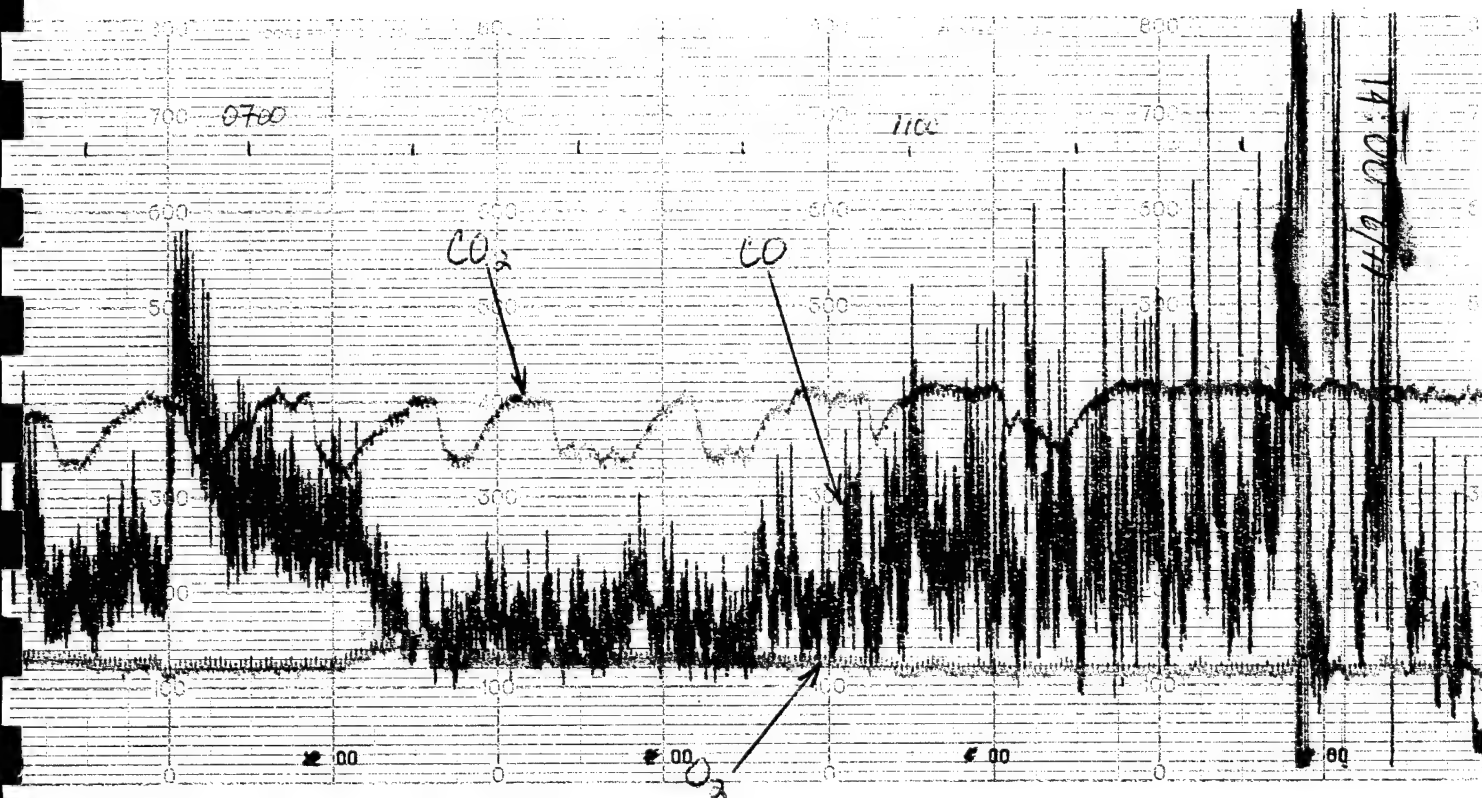
10/10/1993 16:39:50 SAT 06-12-1993 16:39:50

F1	TEST ON	F2	TEST OFF	F3	SELECT INTERLOCK	F4	RAMP UP	F5	RAMP DOWN	F6	DISCRETE TRIP	F7	RESET	F8		F9		F10	
S1		S2		S3		S4		S5		S6		S7		S8		S9		S10	



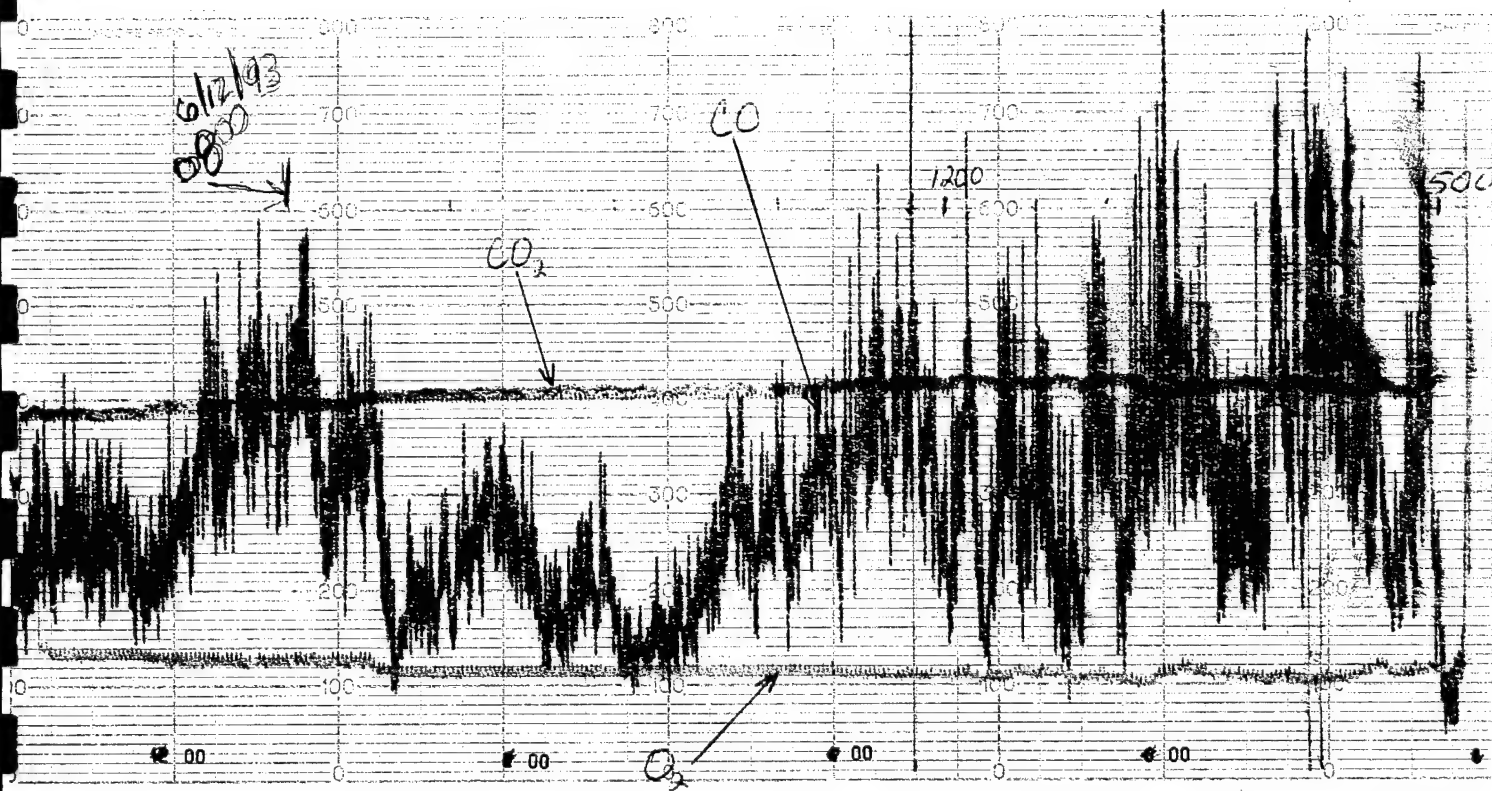
10 June 1993 - CO, CO₂ & O₂ Strip Chart

Test Time: 0745-1215; 1359-1552



11 June 1993 - CO, CO₂ & O₂ Strip Chart

Test Time: 0710-1341



12 June 1993 - CO, CO₂ & O₂ Strip Chart

Test Time : 0800 - 1445

PRIMARY ANALYZER CALIBRATION REPORT

DATE: Thu 06-10-1993
TIME: 16:57:08

CALIBRATION RESULTS:

ANALYZER DESCRIPTION	ZERO VALUE	ZERO ERROR	SPAN VALUE	SPAN ERROR	RAW VALUE
OXYGEN (O2)	-0.1	PASS	21.3	PASS	3.1 %
CARBON DIOXIDE (CO2)	0.03	PASS	8.92	PASS	10.3 %
CARBON MONOXIDE (CO) RAW	2.1	PASS	184.5	PASS	16.60 PPM
SULFUR DIOXIDE (SO2)	0.4	PASS	443.8	PASS	2.4 PPM
NITROGEN OXIDES (NOX)	0.0	PASS	900.0	PASS	143.0 PPM
TOTAL HYDROCARBONS (THC)	0.3	PASS	8.7	PASS	0.0 PPM
HYDROCHLORIC ACIDS (HCL)	-1.1	PASS	73.6	PASS	73.2 PPM

CALIBRATION GAS VALUES:

CALIBRATION GAS	VALUE
OXYGEN (O2)	21.0 %
CARBON DIOXIDE (CO2)	8.97 %
CARBON MONOXIDE (CO) RAW	184.0 PPM
SULFUR DIOXIDE (SO2)	446.0 PPM
NITROGEN OXIDES (NOX)	898.0 PPM
TOTAL HYDROCARBONS (THC)	9.0 PPM
HYDROCHLORIC ACIDS (HCL)	91.1 PPM

SYSTEM PARAMETERS:

PARAMETER	VALUE
STABILIZATION TIME FOR MAIN ANALYZERS	100 SECONDS
STABILIZATION TIME FOR HCL ANALYZERS	100 SECONDS
CALIBRATION TIME FOR MAIN ANALYZERS	300 SECONDS
CALIBRATION TIME FOR HCL ANALYZERS	600 SECONDS
PROBE BLOWDOWN FREQUENCY	8 HOURS
PROBE BLOWDOWN DURATION	8 SECONDS
TRAP BLOWDOWN FREQUENCY	60 HOURS
TRAP BLOWDOWN DURATION	20 SECONDS
MGI TIME FOR MAIN ANALYZERS	360 SECONDS
MGI TIME FOR HCL ANALYZERS	720 SECONDS
CALIBRATION FREQUENCY SETPOINT	25 HOURS
CALIBRATION MINUTE SETPOINT	0 MINUTES

PRIMARY ANALYZER CALIBRATION REPORT

DATE: Thu 06-10-1993
TIME: 17:34:01

CALIBRATION RESULTS:

ANALYZER DESCRIPTION	ZERO VALUE	ZERO ERROR	SPAN VALUE	SPAN ERROR	RAW VALUE
OXYGEN (O2)	0.1	PASS	21.3	PASS	2.8 %
CARBON DIOXIDE (CO2)	0.01	PASS	8.84	PASS	9.7 %
CARBON MONOXIDE (CO) RAW	3.3	PASS	188.6	PASS	16.20 PPM
SULFUR DIOXIDE (SO2)	0.9	PASS	462.8	PASS	1.4 PPM
NITROGEN OXIDES (NOX)	0.0	PASS	903.0	PASS	182.0 PPM
TOTAL HYDROCARBONS (THC)	0.0	PASS	8.5	PASS	0.0 PPM
HYDROCHLORIC ACIDS (HCL)	0.0	PASS	81.2	PASS	76.0 PPM

CALIBRATION GAS VALUES:

CALIBRATION GAS	VALUE	
OXYGEN (O2)	21.0	%
CARBON DIOXIDE (CO2)	8.97	%
CARBON MONOXIDE (CO) RAW	184.0	PPM
SULFUR DIOXIDE (SO2)	446.0	PPM
NITROGEN OXIDES (NOX)	898.0	PPM
TOTAL HYDROCARBONS (THC)	9.0	PPM
HYDROCHLORIC ACIDS (HCL)	91.1	PPM

SYSTEM PARAMETERS:

PARAMETER	VALUE
STABILIZATION TIME FOR MAIN ANALYZERS	100 SECONDS
STABILIZATION TIME FOR HCL ANALYZERS	100 SECONDS
CALIBRATION TIME FOR MAIN ANALYZERS	300 SECONDS
CALIBRATION TIME FOR HCL ANALYZERS	600 SECONDS
PROBE BLOWDOWN FREQUENCY	8 HOURS
PROBE BLOWDOWN DURATION	8 SECONDS
TRAP BLOWDOWN FREQUENCY	60 HOURS
TRAP BLOWDOWN DURATION	20 SECONDS
MGI TIME FOR MAIN ANALYZERS	360 SECONDS
MGI TIME FOR HCL ANALYZERS	720 SECONDS
CALIBRATION FREQUENCY SETPOINT	24 HOURS
CALIBRATION MINUTE SETPOINT	0 MINUTES

SECONDARY ANALYZER CALIBRATION REPORT

DATE: Thu 06-10-1993

TIME: 18:10:40

CALIBRATION RESULTS:

ANALYZER DESCRIPTION	ZERO VALUE	ZERO ERROR	SPAN VALUE	SPAN ERROR	RAW VALUE
OXYGEN (O2)	-0.1	PASS	20.8	PASS	4.1 %
CARBON DIOXIDE (CO2)	0.05	PASS	8.96	PASS	9.4 %
CARBON MONOXIDE (CO) RAW	1.7	PASS	185.9	PASS	13.20 PPM
SULFUR DIOXIDE (SO2)	2.9	PASS	441.4	PASS	12.2 PPM
NITROGEN OXIDES (NOX)	-1.0	PASS	906.0	PASS	184.0 PPM
TOTAL HYDROCARBONS (THC)	0.0	PASS	9.0	PASS	0.4 PPM
HYDROCHLORIC ACIDS (HCL)	1.5	PASS	91.2	PASS	78.6 PPM

CALIBRATION GAS VALUES:

CALIBRATION GAS	VALUE	
OXYGEN (O2)	21.0	%
CARBON DIOXIDE (CO2)	8.97	%
CARBON MONOXIDE (CO) RAW	184.0	PPM
SULFUR DIOXIDE (SO2)	446.0	PPM
NITROGEN OXIDES (NOX)	898.0	PPM
TOTAL HYDROCARBONS (THC)	9.0	PPM
HYDROCHLORIC ACIDS (HCL)	91.1	PPM

SYSTEM PARAMETERS:

PARAMETER	VALUE	
STABILIZATION TIME FOR MAIN ANALYZERS	100	SECONDS
STABILIZATION TIME FOR HCL ANALYZERS	100	SECONDS
CALIBRATION TIME FOR MAIN ANALYZERS	300	SECONDS
CALIBRATION TIME FOR HCL ANALYZERS	600	SECONDS
PROBE BLOWDOWN FREQUENCY	8	HOURS
PROBE BLOWDOWN DURATION	8	SECONDS
TRAP BLOWDOWN FREQUENCY	60	HOURS
TRAP BLOWDOWN DURATION	30	SECONDS
PGI TIME FOR MAIN ANALYZERS	360	SECONDS
PGI TIME FOR HCL ANALYZERS	720	SECONDS
CALIBRATION FREQUENCY SETPOINT	24	HOURS
CALIBRATION MINUTE SETPOINT	0	MINUTES

(RPT056.FMT)

PRIMARY ANALYZER CALIBRATION REPORT

OWS # 2

DATE: Fri 06-11-1993
 TIME: 16:17:37

CALIBRATION RESULTS:

ANALYZER DESCRIPTION	ZERO VALUE	ZERO ERROR	SPAN VALUE	SPAN ERROR	RAW VALUE
OXYGEN (O2)	0.0	PASS	21.3	PASS	3.0 %
CARBON DIOXIDE (CO2)	-0.01	PASS	8.82	PASS	9.4 %
CARBON MONOXIDE (CO) RAW	1.9	PASS	186.3	PASS	11.10 PPM
SULFUR DIOXIDE (SO2)	0.0	PASS	444.8	PASS	15.6 PPM
NITROGEN OXIDES (NOX)	0.0	PASS	903.0	PASS	166.0 PPM
TOTAL HYDROCARBONS (THC)	0.0	PASS	8.5	PASS	0.0 PPM
HYDROCHLORIC ACIDS (HCL)	0.2	PASS	84.2	PASS	88.1 PPM

CALIBRATION GAS VALUES:

CALIBRATION GAS	VALUE	
OXYGEN (O2)	21.0	%
CARBON DIOXIDE (CO2)	8.97	%
CARBON MONOXIDE (CO) RAW	184.0	PPM
SULFUR DIOXIDE (SO2)	446.0	PPM
NITROGEN OXIDES (NOX)	898.0	PPM
TOTAL HYDROCARBONS (THC)	9.0	PPM
HYDROCHLORIC ACIDS (HCL)	91.1	PPM

SYSTEM PARAMETERS:

PARAMETER	VALUE
STABILIZATION TIME FOR MAIN ANALYZERS	100 SECONDS
STABILIZATION TIME FOR HCL ANALYZERS	100 SECONDS
CALIBRATION TIME FOR MAIN ANALYZERS	300 SECONDS
CALIBRATION TIME FOR HCL ANALYZERS	600 SECONDS
PROBE BLOWDOWN FREQUENCY	8 HOURS
PROBE BLOWDOWN DURATION	8 SECONDS
TRAP BLOWDOWN FREQUENCY	60 HOURS
TRAP BLOWDOWN DURATION	30 SECONDS
MGI TIME FOR MAIN ANALYZERS	360 SECONDS
MGI TIME FOR HCL ANALYZERS	720 SECONDS
CALIBRATION FREQUENCY SETPOINT	24 HOURS
CALIBRATION MINUTE SETPOINT	0 MINUTES

(RPT055.FMT)

SECONDARY ANALYZER CALIBRATION REPORT

OWS # 2

DATE: Fri 06-11-1993
TIME: 18:16:14

CALIBRATION RESULTS:

ANALYZER DESCRIPTION	ZERO VALUE	ZERO ERROR	SPAN VALUE	SPAN ERROR	RAW VALUE
OXYGEN (O2)	0.3	PASS	20.7	PASS	5.5 %
CARBON DIOXIDE (CO2)	0.03	PASS	8.75	PASS	8.8 %
CARBON MONOXIDE (CO) RAW	1.3	PASS	184.7	PASS	7.20 PPM
SULFUR DIOXIDE (SO2)	2.4	PASS	444.8	PASS	49.3 PPM
NITROGEN OXIDES (NOX)	-1.0	PASS	874.0	PASS	128.0 PPM
TOTAL HYDROCARBONS (THC)	0.3	PASS	8.3	PASS	2.5 PPM
HYDROCHLORIC ACIDS (HCL)	1.4	PASS	93.1	PASS	6.0 PPM

CALIBRATION GAS VALUES:

CALIBRATION GAS	VALUE
OXYGEN (O2)	21.0 %
CARBON DIOXIDE (CO2)	8.97 %
CARBON MONOXIDE (CO) RAW	184.0 PPM
SULFUR DIOXIDE (SO2)	446.0 PPM
NITROGEN OXIDES (NOX)	898.0 PPM
TOTAL HYDROCARBONS (THC)	9.0 PPM
HYDROCHLORIC ACIDS (HCL)	91.1 PPM

SYSTEM PARAMETERS:

PARAMETER	VALUE
STABILIZATION TIME FOR MAIN ANALYZERS	100 SECONDS
STABILIZATION TIME FOR HCL ANALYZERS	100 SECONDS
CALIBRATION TIME FOR MAIN ANALYZERS	300 SECONDS
CALIBRATION TIME FOR HCL ANALYZERS	60 SECONDS
PROBE BLOWDOWN FREQUENCY	8 HOURS
PROBE BLOWDOWN DURATION	8 SECONDS
TRAP BLOWDOWN FREQUENCY	60 HOURS
TRAP BLOWDOWN DURATION	30 SECONDS
MGI TIME FOR MAIN ANALYZERS	360 SECONDS
MGI TIME FOR HCL ANALYZERS	720 SECONDS
CALIBRATION FREQUENCY SETPOINT	24 HOURS
CALIBRATION MINUTE SETPOINT	0 MINUTES

(RPT056.FMT)

PRIMARY ANALYZER CALIBRATION REPORT

DATE: Sat 06-12-1993
TIME: 16:24:35

CALIBRATION RESULTS:

ANALYZER DESCRIPTION	ZERO VALUE	ZERO ERROR	SPAN VALUE	SPAN ERROR	RAW VALUE
OXYGEN (O2)	0.0	PASS	21.2	PASS	5.5 %
CARBON DIOXIDE (CO2)	0.00	PASS	8.96	PASS	8.9 %
CARBON MONOXIDE (CO) RAW	0.5	PASS	186.7	PASS	6.60 PPM
SULFUR DIOXIDE (SO2)	0.9	PASS	446.7	PASS	4.8 PPM
NITROGEN OXIDES (NOX)	5.0	PASS	881.0	PASS	207.0 PPM
TOTAL HYDROCARBONS (THC)	-0.4	PASS	9.2	PASS	8.1 PPM
HYDROCHLORIC ACIDS (HCL)	0.0	PASS	74.5	PASS	68.3 PPM

CALIBRATION GAS VALUES:

CALIBRATION GAS	VALUE
OXYGEN (O2)	21.0 %
CARBON DIOXIDE (CO2)	8.97 %
CARBON MONOXIDE (CO) RAW	184.0 PPM
SULFUR DIOXIDE (SO2)	446.0 PPM
NITROGEN OXIDES (NOX)	898.0 PPM
TOTAL HYDROCARBONS (THC)	9.0 PPM
HYDROCHLORIC ACIDS (HCL)	91.1 PPM

SYSTEM PARAMETERS:

PARAMETER	VALUE
STABILIZATION TIME FOR MAIN ANALYZERS	100 SECONDS
STABILIZATION TIME FOR HCL ANALYZERS	100 SECONDS
CALIBRATION TIME FOR MAIN ANALYZERS	300 SECONDS
CALIBRATION TIME FOR HCL ANALYZERS	600 SECONDS
PROBE BLOWDOWN FREQUENCY	8 HOURS
PROBE BLOWDOWN DURATION	8 SECONDS
TRAP BLOWDOWN FREQUENCY	60 HOURS
TRAP BLOWDOWN DURATION	30 SECONDS
NGI TIME FOR MAIN ANALYZERS	360 SECONDS
NGI TIME FOR HCL ANALYZERS	720 SECONDS
CALIBRATION FREQUENCY SETPOINT	24 HOURS
CALIBRATION MINUTE SETPOINT	0 MINUTES

(RPT055.FMT)

SECONDARY ANALYZER CALIBRATION REPORT

DATE: Sat 06-12-1993

TIME: 15:46:24

CALIBRATION RESULTS:

ANALYZER DESCRIPTION	ZERO VALUE	ZERO ERROR	SPAN VALUE	SPAN ERROR	RAW VALUE
OXYGEN (O2)	0.0	PASS	20.9	PASS	4.9 %
CARBON DIOXIDE (CO2)	0.00	PASS	8.92	PASS	8.8 %
CARBON MONOXIDE (CO) RAW	0.7	PASS	186.1	PASS	9.30 PPM
SULFUR DIOXIDE (SO2)	1.4	PASS	453.6	PASS	2.4 PPM
NITROGEN OXIDES (NOX)	0.0	PASS	881.0	PASS	180.0 PPM
TOTAL HYDROCARBONS (THC)	-0.3	PASS	9.0	PASS	0.0 PPM
HYDROCHLORIC ACIDS (HCL)	3.3	PASS	92.5	PASS	85.9 PPM

CALIBRATION GAS VALUES:

CALIBRATION GAS	VALUE	
OXYGEN (O2)	21.0	%
CARBON DIOXIDE (CO2)	8.97	%
CARBON MONOXIDE (CO) RAW	184.0	PPM
SULFUR DIOXIDE (SO2)	446.0	PPM
NITROGEN OXIDES (NOX)	898.0	PPM
TOTAL HYDROCARBONS (THC)	9.0	PPM
HYDROCHLORIC ACIDS (HCL)	91.1	PPM

SYSTEM PARAMETERS:

PARAMETER	VALUE	
STABILIZATION TIME FOR MAIN ANALYZERS	100	SECONDS
STABILIZATION TIME FOR HCL ANALYZERS	100	SECONDS
CALIBRATION TIME FOR MAIN ANALYZERS	300	SECONDS
CALIBRATION TIME FOR HCL ANALYZERS	600	SECONDS
PROBE BLOWDOWN FREQUENCY	8	HOURS
PROBE BLOWDOWN DURATION	8	SECONDS
TRAP BLOWDOWN FREQUENCY	60	HOURS
TRAP BLOWDOWN DURATION	30	SECONDS
MGI TIME FOR MAIN ANALYZERS	360	SECONDS
MGI TIME FOR HCL ANALYZERS	720	SECONDS
CALIBRATION FREQUENCY SETPOINT	24	HOURS
CALIBRATION MINUTE SETPOINT	0	MINUTES

(RPT056.FMT)



Scott Specialty Gases, Inc.

RECEIVED

Shipped
from:

500 WEAVER PARK RD
LONGMONT
Phone: 303-442-4700

CO 80501

Fax: 303-772-7673

JUN 3 1993

SQI Operations

CERTIFICATE OF ANALYSIS

MORRISON KNUDSEN

PROJECT #: 08-10666-001
PO#: 2F3-8048-39-1375 R6
ITEM #: 0802C5001014AL
DATE: 5/25/93

ROCKY MT ARSENAL-SQI OP
9TH & D ST, BLDG Z-49
COMMERCE CITY

CO 80022

CYLINDER #: ALM019589
FILL PRESSURE: 2000 PSIG

ANALYTICAL ACCURACY: +/- 1%

BLEND TYPE : CERTIFIED MASTER GAS

COMPONENT

CARBON DIOXIDE
CARBON MONOXIDE
METHANE
OXYGEN
NITROGEN

REQUESTED GAS

CONC MOLES

9. PCT
180. PPM
9. PPM
21. PCT
BAL

ANALYSIS

(MOLES)

8.97 PCT
184. PPM
9.05 PPM
21.0 PCT
BAL

CGA 590

2000 PSIG

QC# 15259301

ANALYST:

Susan J. Brandon
SUSAN J. BRANDON

APPROVED BY:

RS
RIC SCHMELTEKOPF



Scott Specialty Gases, Inc.

RECEIVED

Shipped From: 500 WEAVER PARK RD
LONGMONT CO 80501
Phone: 303-442-4700

JUN 3 1993
Fax: 303-772-7673
SQI OPERATIONS
By:

CERTIFICATE OF ANALYSIS

MORRISON KNUDSEN

PROJECT #: 08-10601-002
PO#: 2F3-8048-39-1375 R5
ITEM #: 080237924 4AL
DATE: 5/19/93

ROCKY MT ARSENAL-SQI OP
9TH & D ST, BLDG Z-49
COMMERCE CITY

CO 80022

CYLINDER #: ALM017048
FILL PRESSURE: 2000 PSIG
BLEND TYPE : CERTIFIED MASTER GAS

ANALYTICAL ACCURACY: +/- 2%

COMPONENT	REQUESTED GAS		ANALYSIS	
	CONC	MOLES	(MOLES)	
NITRIC OXIDE	900.	PPM	898.	PPM
SULFUR DIOXIDE	450.	PPM	446.	PPM
NITROGEN		BAL		BAL

CGA 660 2000 PSIG

QC # 15249316

ANALYST:

David Chapman
DAVID CHAPMAN

APPROVED BY:

Ric Schmeltekopf
RIC SCHMELTEKOPF



Scott Specialty Gases, Inc.

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JUN 3 1993

hipped
from:

500 WEAVER PARK RD
LONGMONT
Phone: 303-442-4700

CO 80501

by: SQI Operations
Fax: 303-772-7673

CERTIFICATE OF ANALYSIS

MORRISON KNUDSEN

PROJECT #: 08-10700-001
PO#: 2F3-8048-39-1375 R4
ITEM #: 08022430 5A
DATE: 5/28/93

ROCKY MT ARSENAL-SQI OP
9TH & D ST, BLDG Z-49
COMMERCE CITY

CO 80022

CYLINDER #: A018734

ANALYTICAL ACCURACY: +/-5%

FILL PRESSURE: 2000 PSIG

BLEND TYPE : CERTIFIED WORKING STD

COMPONENT

HYDROGEN CHLORIDE
NITROGEN

REQUESTED GAS

CONC MOLES
90. PPM
BAL

ANALYSIS

(MOLES)
91.1 PPM
BAL

CGA 330

2000 PSIG

QC# 15269304

ANALYST:

Diana Beehler
DIANA BEEHLER

APPROVED BY:

R
RIC SCHMELTEKOPF



Scott Specialty Gases, Inc.

500 WEAVER PARK ROAD, LONGMONT, CO 80501 (303) 442-4700, (303) 651-3094 FAX (303) 772-7673

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SQL OPERATIONS
BY:

CERTIFICATE OF ANALYSIS: EPA PROTOCOL GAS

Page 2 of 2

Customer
Morrison Knudsen
Rocky Mt Arsenal-SQI OP
9th & D Street, Bldg Z-49
Commerce City, CO 80022

Assay Laboratory
Scott Specialty Gases, Inc.
500 Weaver Park Road
Longmont, CO 80501

Purchase Order 2F3-8048-39-
Scott Project # 0810063
CGA Fitting 590
QC Number 13309302
File Number 10063048

ANALYTICAL INFORMATION

Certified to exceed the minimum specification of EPA Protocol 1 Procedure #G1, Section Number 3.0.4

Cylinder Number AAL-11902

Certification Date 03/26/93

* General Exp. Date 03/26/95

Cylinder Pressure 2000 psig

Previous Certification Dates

None

Acid Rain Exp. Date 09/26/93

ANALYZED CYLINDER

Components	Certified Concentration
Continued from Page 1	
Oxygen	21.01 %
Nitrogen	Balance

Analytical Uncertainty**

+1% NIST Directly Traceable

** Analytical uncertainty is inclusive of usual known error sources which at least include reference standard error & precision of the measurement process.

REFERENCE STANDARD

Type CRM 2659
Expiration Date 05/15/94
GMS NONE

Cylinder Number
ALM-017724
AAL-18919

Concentration
20.63% O₂ / N₂
10.08% O₂ / N₂

INSTRUMENTATION

Instrument/Model/Serial #
Servomax 244A 244/701/1446

Last Date Calibrated
01/08/93

Analytical Principle
Paramagnetic

ANALYZER READINGS

(Z=Zero Gas R=Reference Gas T=Test Gas r=Correlation Coefficient)

Components

Oxygen

First Triad Analysis

Date: 03/17/93 Response Units: mV
Z1 = 0.0000 R1 = 0.4000 T1 = 0.8410
R2 = 0.4000 Z2 = 0.0000 T2 = 0.8410
Z3 = 0.0000 T3 = 0.8410 R3 = 0.4000
Avg. Conc. of Cust. Cyl. = 21.02 %

Second Triad Analysis

Date: 03/24/93 Response Units: mV
Z1 = 0.0000 R1 = 0.4000 T2 = 0.8400
R2 = 0.4000 Z2 = 0.0000 T2 = 0.8400
Z3 = 0.0000 T3 = 0.8400 R3 = 0.4000
Avg. Conc. of Cust. Cyl. = 20.99 %

Calibration Curve

Concentration = A+Bx+Cx+Dx+Ex
r = 0.999998 CRM 2659
Constants: A = 0.18732
B = 24.770 C = 0
D = 0 E = 0

Special Notes

If this product is used for Acid Rain Rule Compliance, the
Acid Rain Expiration Date noted above applies per 40 CFR Part 75,
Appendix H. Otherwise, the General Expiration Date applies.

Diana L. Beehler
Analyst: Diana L. Beehler



Scott Specialty Gases, Inc.

500 WEAVER PARK ROAD, LONGMONT, CO 80501 (303) 442-4700, (303) 651-3094 FAX (303) 772-7673

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SQL OPERATIONS
BY:

CERTIFICATE OF ANALYSIS: EPA PROTOCOL GAS

Page 1 of 2

Customer
Morrison Knudsen
Rocky Mt Arsenal-SQI OP
9th & D Street, Bldg Z-49
Commerce City CO 80022

Assay Laboratory
Scott Specialty Gases, Inc.
500 Weaver Park Road
Longmont, CO 80501

Purchase Order 2F3-8048-39-
Scott Project # 0810083
CGA Fitting 590
QC Number 13309302
File Number 1006304A

ANALYTICAL INFORMATION

Certified to exceed the minimum specification of EPA Protocol 1 Procedure #G1, Section Number 3.0.4

Cylinder Number AAL-11902 **Certification Date** 03/26/93 *** General Exp. Date** 03/26/95
Cylinder Pressure 2000 psig **Previous Certification Dates** None **Acid Rain Exp. Date** 09/26/93

ANALYZED CYLINDER

Components	Certified Concentration
Carbon Dioxide	8.938 %
Carbon Monoxide	176.8 ppm
Methane	8.22 ppm

Continued on Page 2

Analytical Uncertainty**

±1% NIST Directly Traceable
±1% NIST Directly Traceable
±1% NIST Directly Traceable

** Analytical uncertainty is inclusive of usual known error sources which at least include reference standard error & precision of the measurement process.

REFERENCE STANDARD

Type	Expiration Date	Cylinder Number
SRM 2746	01/25/97	SX-20319
GMS	NONE	ALM-033670
CRM 2636	09/24/94	ALM-025026
GMS	NONE	ALM-013362
SRM 1659A	03/10/97	CLM-002690
GMS	NONE	1L-23390

Concentration
15.75% CO₂ / N₂
4.99% CO₂ / N₂
243.2ppm CO / N₂
96.67ppm CO / N₂
9.65ppm Methane / Air
4.65ppm Methane / Air

INSTRUMENTATION

Instrument/Model/Serial #	Last Date Calibrated
Hewlett Packard 5730 1844A91333	01/12/93
Horiba AIA 24 564163071	01/12/93
Hewlett Packard 5890A 3115A34623	01/12/93

Analytical Principle
Thermal Conductivity
Non-Dispersive Infrared
Flame Ionization

ANALYZER READINGS

(Z=Zero Gas R=Reference Gas T=Test Gas r=Correlation Coefficient)

Components

Carbon Dioxide

First Triad Analysis

Date: 03/18/93 Response Units: mv
Z1 = 0.0000 R1 = 0.4994 T1 = 0.8948
R2 = 0.4994 Z2 = 0.0000 T2 = 0.8948
Z3 = 0.0000 T3 = 0.8948 R3 = 0.4994
Avg. Conc. of Cust. Cyl. = 8.948 %

Second Triad Analysis

Date: 03/26/93 Response Units: mv
Z1 = 0.0000 R1 = 0.4994 T2 = 0.8930
R2 = 0.4994 Z2 = 0.0000 T2 = 0.8930
Z3 = 0.0000 T3 = 0.8930 R3 = 0.4994
Avg. Conc. of Cust. Cyl. = 8.930 %

Calibration Curve

Concentration = A+Bx+Cx+Dx+Ex
r = 0.99998 SRM 2746
Constants: A = 0.000001
B = 10.000 C = 0
D = 0 E = 0

Carbon Monoxide

Date: 03/16/93 Response Units: mv
Z1 = 0.0000 R1 = 0.5090 T1 = 0.9040
R2 = 0.5090 Z2 = 0.0000 T2 = 0.9040
Z3 = 0.0000 T3 = 0.9040 R3 = 0.5090
Avg. Conc. of Cust. Cyl. = 176.8 ppm

Date: 03/23/93 Response Units: mv
Z1 = 0.0000 R1 = 0.5090 T1 = 0.9040
R2 = 0.5090 Z2 = 0.0000 T2 = 0.9040
Z3 = 0.0000 T3 = 0.9040 R3 = 0.5090
Avg. Conc. of Cust. Cyl. = 176.8 ppm

Concentration = A+Bx+Cx+Dx+Ex
r = 0.999914 CRM 2636
Constants: A = 0.75300
B = 182.14 C = 14.174
D = 0 E = 0

Methane

Date: 03/17/93 Response Units: mv
Z1 = 0.0000 R1 = 0.4650 T1 = 0.8951
R2 = 0.4650 Z2 = 0.0000 T2 = 0.8951
Z3 = 0.0000 T3 = 0.8951 R3 = 0.4650
Avg. Conc. of Cust. Cyl. = 8.22 ppm

Date: 03/24/93 Response Units: mv
Z1 = 0.0000 R1 = 0.4650 T1 = 0.9013
R2 = 0.4650 Z2 = 0.0000 T2 = 0.9013
Z3 = 0.0000 T3 = 0.9013 R3 = 0.4650
Avg. Conc. of Cust. Cyl. = 8.22 ppm

Concentration = A+Bx+Cx+Dx+Ex
r = 0.99998 SRM 1659A
Constants: A = 0.000001
B = 1.000 C = 0
D = 0 E = 0

Special Notes If this product is used for Acid Rain Rule Compliance, the
Acid Rain Expiration Date noted above applies per 40 CFR Part 75,
Appendix H. Otherwise, the General Expiration Date applies.

Diana L. Beehler
Analyst: Diana L. Beehler



Scott Specialty Gases, Inc.

500 WEAVER PARK ROAD, LONGMONT, CO 80501 (303) 442-4700, (303) 651-3094 FAX (303) 772-7673

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SGI Operations
BY:

CERTIFICATE OF ANALYSIS: EPA PROTOCOL GAS

Page 2 of 2

Customer
Morrison Knudsen
Rocky Mt Arsenal-SGI OP
9th & D Street, Bldg Z-49
Commerce City CO 80022

Assay Laboratory
Scott Specialty Gases, Inc.
500 Weaver Park Road
Longmont, CO 80501

Purchase Order 2F3-8048-39-
Scott Project # 0810063
CGA Fitting 590
QC Number 14019306
File Number 1006305B

ANALYTICAL INFORMATION

Certified to exceed the minimum specification of EPA Protocol 1 Procedure #G1, Section Number 3.0.4

Cylinder Number ALM-012100 Certification Date 04/01/93 * General Exp. Date 04/01/95
Cylinder Pressure 2000 psig Previous Certification Dates None Acid Rain Exp. Date 10/01/93

ANALYZED CYLINDER

Components	Certified Concentration
Continued from Page 1	
Oxygen	12.00 %
Nitrogen	Balance

Analytical Uncertainty**
±1% NIST Directly Traceable

** Analytical uncertainty is inclusive of usual known error sources which at least include reference standard error & precision of the measurement process.

REFERENCE STANDARD

Type	Expiration Date	Cylinder Number
CRM 2659	05/15/94	ALM-017724
CRM 2658	05/15/94	ALM-015869

Concentration
20.63% O₂ / N₂
9.56% O₂ / N₂

INSTRUMENTATION

Instrument/Model/Serial #
Servomex 244A 244/701/1446

Last Date Calibrated
01/08/93

Analytical Principle
Paramagnetic

ANALYZER READINGS

(Z=Zero Gas R=Reference Gas T=Test Gas r=Correlation Coefficient)

Components

Oxygen

First Triad Analysis

Date: 03/24/93 Response Units: mv
Z1 = 0.0000 R1 = 0.3824 T1 = 0.4816
R2 = 0.3824 Z2 = 0.0000 T2 = 0.4816
Z3 = 0.0000 T3 = 0.4816 R3 = 0.3824
Avg. Conc. of Cust. Cyl. = 12.04 %

Second Triad Analysis

Date: 04/01/93 Response Units: mv
Z1 = 0.0000 R1 = 0.3824 T2 = 0.4784
R2 = 0.3824 Z2 = 0.0000 T2 = 0.4784
Z3 = 0.0000 T3 = 0.4784 R3 = 0.3824
Avg. Conc. of Cust. Cyl. = 11.96 %

Calibration Curve

Concentration = A+Bx+Cx²+Dx³+Ex⁴
r = 0.999998 CRM 2659
Constants: A = 0.18732
B = 24.770 C = 0
D = 0 E = 0

Special Notes

If this product is used for Acid Rain Rule Compliance, the
Acid Rain Expiration Date noted above applies per 40 CFR Part 75,
Appendix H. Otherwise, the General Expiration Date applies.

Diana L. Beehler
Analyst: Diana L. Beehler



Scott Specialty Gases, Inc.

500 WEAVER PARK ROAD, LONGMONT, CO 80501

(303) 442-4700, (303) 651-3094 FAX (303) 772-7673

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APR 12 1993

SOI OF
BY:

CERTIFICATE OF ANALYSIS: EPA PROTOCOL GAS

Page 1 of 2

Customer
Morrison Knudsen
Rocky Mt Arsenal-SOI OP
9th & D Street, Bldg Z-49
Commerce City, CO 80022

Assay Laboratory
Scott Specialty Gases, Inc.
500 Weaver Park Road
Longmont, CO 80501

Purchase Order 2F3-8048-39-
Scott Project # 0810063
CGA Fitting 590
QC Number 14019306
File Number 1006305A

ANALYTICAL INFORMATION

Certified to exceed the minimum specification of EPA Protocol 1 Procedure #G1, Section Number 3.0.4

Cylinder Number ALM-012100

Certification Date 04/01/93

* General Exp. Date 04/01/95

Cylinder Pressure 2000 psig

Previous Certification Dates None

Acid Rain Exp. Date 10/01/93

ANALYZED CYLINDER

Components	Certified Concentration
Carbon Dioxide	5.031 %
Carbon Monoxide	91.21 ppm
Methane	5.07 ppm

Analytical Uncertainty**

+1% NIST Directly Traceable
+1% NIST Directly Traceable
+1% NIST Directly Traceable

Continued on Page 2

** Analytical uncertainty is inclusive of usual known error sources which at least include reference standard error & precision of the measurement process.

REFERENCE STANDARD

Type	Expiration Date	Cylinder Number
SRM 2745	01/25/97	SX-20319
GMS	NONE	ALM-033670
CFM 1679	09/24/94	ALM-024799
GMS	NONE	AAL-5975
SRM 1659A	03/10/97	CLM-002690
GMS	NONE	1L-23390

Concentration
15.75% CO₂ / N₂
4.99% CO₂ / N₂
96.20ppm CO / N₂
47.20ppm CO / N₂
9.65ppm Methane / Air
4.65ppm Methane / Air

INSTRUMENTATION

Instrument/Model/Serial #	Last Date Calibrated
Hewlett Packard 5790 1844A91333	01/12/93
Horiba AIA 24 564163071	01/12/93
Hewlett Packard 5890A 3115A34623	01/12/93

Analytical Principle
Thermal Conductivity
Non-Dispersive Infrared
Flame Ionization

ANALYZER READINGS

(Z=Zero Gas R=Reference Gas T=Test Gas r=Correlation Coefficient)

Components

Carbon Dioxide

First Triad Analysis

Date: 03/24/93 Response Units: mv
Z1 = 0.0000 R1 = 0.4994 T1 = 0.5015
R2 = 0.4994 Z2 = 0.0000 T2 = 0.5015
Z3 = 0.0000 T3 = 0.5015 R3 = 0.4994
Avg. Conc. of Cust. Cyl. = 5.015 %

Second Triad Analysis

Date: 03/31/93 Response Units: mv
Z1 = 0.0000 R1 = 0.4994 T2 = 0.5047
R2 = 0.4994 Z2 = 0.0000 T2 = 0.5047
Z3 = 0.0000 T3 = 0.5047 R3 = 0.4994
Avg. Conc. of Cust. Cyl. = 5.047 %

Calibration Curve

Concentration = A+Bx+Cx²+Dx³+Ex⁴
r = 0.999998 SRM 2745
Constants: A = 0.000001
B = 10.000 C = 0
D = 0 E = 0

Carbon Monoxide

Date: 03/23/93 Response Units: mv
Z1 = 0.0000 R1 = 0.2380 T1 = 0.4540
R2 = 0.2380 Z2 = 0.0000 T2 = 0.4540
Z3 = 0.0000 T3 = 0.4540 R3 = 0.2380
Avg. Conc. of Cust. Cyl. = 91.08 ppm

Date: 03/30/93 Response Units: mv
Z1 = 0.0000 R1 = 0.2350 T1 = 0.4550
R2 = 0.2350 Z2 = 0.0000 T2 = 0.4550
Z3 = 0.0000 T3 = 0.4550 R3 = 0.2350
Avg. Conc. of Cust. Cyl. = 91.33 ppm

Concentration = A+Bx+Cx²+Dx³+Ex⁴
r = 0.999913 CFM 1679
Constants: A = -5.3016
B = 237.06 C = -54.130
D = 0 E = 0

Methane

Date: 03/24/93 Response Units: mv
Z1 = 0.0000 R1 = 4.8500 T1 = 5.0190
R2 = 4.8500 Z2 = 0.0000 T2 = 5.0190
Z3 = 0.0000 T3 = 5.0190 R3 = 4.8500
Avg. Conc. of Cust. Cyl. = 5.02 ppm

Date: 04/01/93 Response Units: mv
Z1 = 0.0000 R1 = 4.8500 T1 = 5.1210
R2 = 4.8500 Z2 = 0.0000 T2 = 5.1210
Z3 = 0.0000 T3 = 5.1210 R3 = 4.8500
Avg. Conc. of Cust. Cyl. = 5.02 ppm

Concentration = A+Bx+Cx²+Dx³+Ex⁴
r = 0.999998 SRM 1659A
Constants: A = 0.000001
B = 1.000 C = 0
D = 0 E = 0

Special Notes

If this product is used for Acid Rain Rule Compliance, the Acid Rain Expiration Date noted above applies per 40 CFR Part 75, Appendix H. Otherwise, the General Expiration Date applies.

Diana L. Beehler
Analyst: Diana L. Beehler

24:00
6-8-93

STATE OF COLORADO (888-2845)

LICENSE
NUMBER
15021

MEASUREMENT STANDARDS LICENSE

Department of Agriculture - Division of Inspection and Consumer Services
3125 Wyandot • Denver, CO 80211

80,001 LBS AND UP
30,001 THRU 80,000 LBS
10,001 THRU 30,000 LBS
2,001 THRU 10,000 LBS
451 THRU 2,000 LBS
76 THRU 450 LBS
75 LBS OR LESS
BELT CONVEYOR SCALES
IN-MOTION R.R. SCALES
FABRIC METER
CORDAGE METER
GRAIN MOISTURE METER

MUST BE POSTED IN A CONSPICUOUS PLACE

Morrison Knudsen Corp.
Environmental Services
P.O. Box 1657
Commerce City, CO 80037

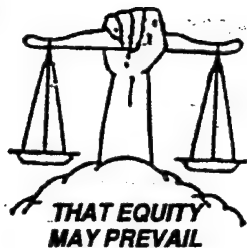
THIS IS TO CERTIFY that the person or firm named herein having complied with the provisions of Title 35, Article 34, Colorado Revised Statutes 1973, for measurement and having paid the above mentioned sum is hereby authorized to operate the weighing or measuring device shown herein

DATE
RECEIVED

Signature Field Representative

THIS LICENSE EXPIRES JUNE 30,
NOTICE:
THIS LICENSE IS NOT TRANSFERABLE

+43
+45



ORIGINAL APPLICATION MUST BE
RETURNED BY JULY 1, 1993

DO NOT DUPLICATE.

A PENALTY WILL BE ASSESSED
AFTER JULY 31, 1993
FOR LATE PAYMENT.

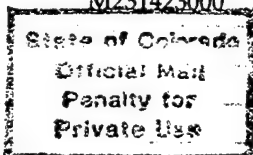
DO NOT WRITE
IN THIS SPACE

MAIL LICENSE FEES PAYABLE TO:

Colorado Dept. of Agriculture
700 Kipling Street, Rm. 4000
Lakewood, CO 80215

Colorado Dept. of Agriculture
700 Kipling Street, Rm. 4000
Lakewood, CO 80215

M231423000



DO NOT DESTROY

FIRST CLASS



AUTHORITY: Title 35, Article 14 CRS 1973, as amended.
Before any person shall operate a scale or measuring device for commercial purposes, he shall first procure from the Department a license for such device. . . . All such licenses shall expire on the 30th Day of June, next succeeding the date of their issuance.

NOTICE: No provisions are made in the law whereby it is possible to issue a license at a reduced fee for a portion of the year.

1993 - 94 MEASUREMENTS STANDARDS
LICENSE APPLICATION

RETURN BY JULY 1, 1993

Morrison Knudsen Corp.
(9th & D St., Rocky Mtn. Arsenal)
P.O. Box 1657
Commerce City, CO 80037

80037-1657



COLORADO DEPARTMENT OF AGRICULTURE
MEASUREMENT STANDARDS SECTION
303/866-2845

LICENSE APPLICATION FOR PERIOD:
July 1, 1993 Thru June 30, 1994

CHECK APPROPRIATE BOX ☒ NEW ☐ RENEWAL

Make corrections of Name or Address in this space

FIRM

(Name under which you do business)

(Mailing Address)

(City)

(Zip)

(County)

ALL SCALES MUST BE LICENSED AT
MANUFACTURERS RATED CAPACITY

50,001 lbs. and Up	\$100.00 ea. \$
30,001 thru 50,000 lbs.	\$ 75.00 ea. \$
10,001 thru 30,000 lbs.	\$ 40.00 ea. \$
2,001 thru 10,000 lbs.	\$ 20.00 ea. \$
2 451 thru 2,000 lbs.	\$ 12.00 ea. \$24.00
76 thru 450 lbs.	\$ 7.00 ea. \$
75 or less	\$ 5.00 ea. \$
Belt Conveyor Scale	\$125.00 ea. \$
In-Motion R.R. Track Scale	\$125.00 ea. \$
Fabric Meter	\$ 5.00 ea. \$
Conveyance Meter	\$ 5.00 ea. \$
Grain Moisture Meter	\$ 20.00 ea. \$

PENALTY FOR LATE PAYMENT: \$

TOTAL REMITTANCE: \$ 24.00

September, 1993

SECTION A.2.3

CRITICAL INSTRUMENTS CALIBRATION REPORTS

Instrument Calibration Sheets for:

1. AIT-56
2. AIT-64
3. FIT-04A
4. FIT-60
5. FIT-65
6. PDIT-53
7. TE-34A/B/C

Calibration Instrument Certifications:

1. Fluke 87 Serial #56300222
2. Fluke 87 Serial #56300229
3. Druck DPI Serial #6012851212
4. Biddle 720390 Serial #1530

S. Q. I. OPERATIONS CALIBRATION SHEETS

DATE: JUN 93

DUE DATE: 4 JAN 94

TECHNICIAN'S NAME: KEVIN WALSH / BILL BASKALL

INSTR: pH PROBE

TAG NO: AIT-56A

LOCATION: 1st FLOOR

FUNCTION CHECK ONLY: N/A

CV FURNAL CHECK: N/A PSI OPEN N/A PSI CLOSED

CALIBRATION SET POINT: _____

	DESIRE PUT	OUTPUT	AS FOUND OUTPUT	AS LEFT OUTPUT
1	4	pH 4		pH 4.0
2	10	pH 10		pH 10.0
3				
4	4	8.6 mA		8.6 mA
5	10	15.5 mA		15.6 mA

TEST EQUIPMENT USED:

SERIAL #	CAL. DATE DUE	CAL. DATE DUE
FLUKE DVM		
56300222	5/27/93	5/27/93

NOTES

SIGNATURE: TECHNICIAN: Kevin J Walsh

DATE: 8 JUN 93

S. Q. I. OPERATIONS CALIBRATION SHEETS

DATE: 4 JUN 93

DUE DATE: 4 JAN 94

TECHNICIAN'S NAME: KEVIN WALSH/BILL BASKALL

INSTRUMENT: pH PROBE

TAG NO: AIT-56B

LOCATION: 1ST Floor

FUNCTION CHECK ONLY: N/A

CV FUNCTIONAL CHECK: N/A PSI OPEN N/A PSI CLOSED

CALIBRATION SET POINT: _____

	DESIRED INPUT	DESIRED OUTPUT	AS FOUND OUTPUT	AS LEFT OUTPUT
1	pH 4	pH 4		pH 4.0
2	pH 10	pH 10		pH 10.0
3				
4	pH 4	8.6 mA		8.6 mA
5	pH 10	15.5 mA		15.6 mA

TEST EQUIPMENT USED:

SERIAL #	CAL. DATE DUE	CAL. DATE DUE
FLUKE DVM		
56300222	5/27/93	5/27/93

NOTES _____

SIGNATURE OF TECHNICIAN: Kevin Walsh

DATE: 8 JUN 93

S. Q. I. OPERATIONS CALIBRATION SHEETS

DATE: 4 JUN 93

DUE DATE: 4 JAN 94

TECHNICIAN'S NAME: KEVIN WALSH / BILL BASKALL

INSTRUMENT: pH PROBE

TAG NO: AIT-64A

LOCATION: 1ST Floor

FUNCTION CHECK ONLY: N/A

CV FUNCTIONAL CHECK: N/A PSI OPEN N/A PSI CLOSED

CALIBRATION SET POINT: _____

	DESIRED INPUT	DESIRED OUTPUT	AS FOUND OUTPUT	AS LEFT OUTPUT
1	pH 4	pH 4		pH 4.1
2	pH 10	pH 10		pH 10.1
3				
4	pH 4	8.6 mA		8.7 mA
5	pH 7	15.5 mA		15.57 mA

TEST EQUIPMENT USED:	SERIAL #	CAL. DATE DUE	CAL. DATE DUE
	FLUKE DVM		
	56300222	5/27/93	5/27/94

NOTES _____

SIGNATURE OF TECHNICIAN: Kevin J Walsh DATE: 8 JUN 93

S. Q. I. OPERATIONS CALIBRATION SHEETS

DATE: 4 JUN 93

DUE DATE: 4 JAN 94

TECHNICIAN'S NAME: KEVIN WALSH / BILL BASKALL

INSTRUMENT: pH PROBE

TAG NO: AIT-64B

LOCATION: 1ST FLOOR

FUNCTION CHECK ONLY: N/A

CV FUNCTIONAL CHECK: N/A PSI OPEN N/A PSI CLOSED

CALIBRATION SET POINT: _____

	DESIRED INPUT	DESIRED OUTPUT	AS FOUND OUTPUT	AS LEFT OUTPUT
2	pH 4	pH 4		pH 4.0
3	pH 10	pH 10		pH 10.0
4	pH 4	8.6 mA		8.6 mA
5	pH 10	15.5 mA		15.6 mA

TEST EQUIPMENT USED:	SERIAL #	CAL. DATE DUE	CAL. DATE DUE
	FLUKE DVM		
	56300222	5/27/93	5/27/93

NOTES _____

SIGNATURE OF TECHNICIAN: Kevin J Walsh DATE: 8 JUN 93

S. Q. I. OPERATIONS CALIBRATION SHEETS

DATE: 6/1/93

DUE DATE: 1/1/93

TECHNICIAN'S NAME: KEVIN WALSH / BILL BASKALL

INSTRUMENT: FLOW TRANSMITTER TAG NO: FIT-04A

LOCATION: 3rd Floor Waste Feed

FUNCTION CHECK ONLY: N/A

CV FUNCTIONAL CHECK: N/A PSI OPEN N/A PSI CLOSED

CALIBRATION SET POINT: N/A

	DESIRED INPUT	DESIRED OUTPUT	AS FOUND OUTPUT	AS LEFT OUTPUT
1				
2				
3				
4				
5				

TEST EQUIPMENT USED:	SERIAL #	CAL. DATE DUE	CAL. DATE DUE
	<u>268 INTERFACE</u>	<u>N/A</u>	<u>N/A</u>

NOTES CHECKED SETPOINTS AND RESET 0
WITH ROSEMOUNT 268 INTERFACE

Micro Motion flow Meter

SIGNATURE OF TECHNICIAN: Kevin Walsh DATE: 6/1/93

PROJECT: WESTON - ROCKY MTN. ARSENAL
CONTRACT: T-THERMAL J.O. #1-9350

ORIGINAL KW MM/DD,
LAST REV. KW 04/15,

GENERAL	1	SERVICE:	AQUE.WASTE TO INJ.FLOW (TOTAL)
	2	MATERIAL LIST:	ML-1721-A-150
	3	FUNCTION:	INDICATE: Y BLIND: N
	4		INTEG: N TRANSMIT: Y
	5		OTHER:
	6	MOUNTING:	ELEMENT MOUNTED IN LINE
	7	ENCLOSURE CLASS:	NEMA 4 WEATHER PROOF
	8	LENGTH SIGNAL CABLE:	100 FT
	9	TYPE SPAN ADJUSTMENT:	BLIND
	10	POWER SUPPLY:	VOLTAGE: 110
	11		CURRENT: AC
	12		HERTZ: 60 HZ
	13	TRANSMITTER TAG NO.:	FIT-04A
	14	TRANSMITTER OUTPUT:	4-20 MA
	15	TRANSMITTER NOTES:	4MA = 0 #/MIN, 20MA = 300 #/MIN.
DISPLAY	16	SCALE SIZE & RANGE:	MAX RATE 300 LB/MIN
METER	17	METER TAG NUMBER:	FE-04A
	18	TUBE MATERIAL:	HASTELLOY "C"
	19	LINER MATERIAL:	N/A
	20	ELECTRODE TYPE:	N/A
	21	ELECTRODE MATERIAL:	N/A
	22	POWER SUPPLY:	VOLTAGE: POWERED BY TRANSMITTER
	23		CURRENT: AC
	24		HERTZ: VARIED BY FLOW RATE
	25	GROUNDING TYPE/MTL:	STRAPS
	26	METER ENCL. CLASS:	NEMA 1 GENERAL PURPOSE
	27	METER NOTES:	
	28	LINE SIZE:	1" SCH 40
	29	LINE MATERIAL:	HASTELLOY "C"
	30	CONNECTION TYPE:	FLANGED
	31	CONNECTION MATERIAL:	HASTELLOY "C"
FLUID	32	FLUID TYPE:	LIQUID
DATA	33	FLUID STATE:	LIQUID
	34	VISCOSITY:	
	35	SPECIFIC GRAVITY:	1.24
	36	DENSITY:	
	37	MOLECULAR WEIGHT:	
	38	MAXIMUM FLOW:	300 LB/MIN
	39	MAXIMUM VELOCITY:	
	40	NORMAL FLOW:	176 LB/MIN
	41	MINIMUM FLOW:	0 LB/MIN
	42	MAXIMUM TEMPERATURE:	150 deg. F
	43	NORMAL TEMPERATURE:	85 deg. F
	44	MAXIMUM PRESSURE:	120 PSIG
	45	NORMAL PRESSURE:	110 PSIG
	46	NORMAL CONDUCTIVITY:	N/A Mhos
	47	MAXIMUM VACUUM:	N/A
	48	FLUID NOTES:	
	49	MANUFACTURER:	MICRO-MOTION
	50	TRANSMITTER MODEL #:	RFT-9712-1PRU
	51	METER MODEL NUMBER:	DS100H134 W/HY 1" LJP
	52	NOTES:	SUPPLY W/INTERCONNECTING
	53		CABLE #C-RFT-100
	54		FOR GPM: DIVIDE #/MIN BY 10.348

END OF INSTRUMENT TAG NUMBER <FIT/FE-04A>

 | Micro Motion, Inc. |
Mass Flowmeter Selection Guide

Input Variables
 Fluid Name - BASIN F COMBINED FLOW Tag No.- FIT-04A
 Max Line, psi = 110 Max Temp, F = 125 Sensor Matl = HAS
 Max Rate, lb/m = 1000 Viscosity, cP = 1.00 Spec Grav = 1.2

Meter Model	Rate lb/min	Rate % of Max	Accuracy % Rate	Pressure Drop psi	Velocity ft/sec
==>DS100H	300.00	30.0	0.23	7.5	21.34
MAX	269.00	26.9	0.24	6.1	19.14
NORMAL	176.00	17.6	0.26	2.8	12.52
MIN	87.50	8.8	0.31	0.8	6.22

Sensor Product No. ==> DS100H134 with HY 1.0 Inch 150# LJ flange

At 125 F this flange has a working pressure of 235 psig, per ANSI B16.

MEMO: TO GET GPM: DIVIDE LB/MIN BY 10.348

Time = 13:11:40

Date = 04-15-1992

S. Q. I. OPERATIONS CALIBRATION SHEETS

DATE: 6/2/93

DUE DATE: 1/2/94

TECHNICIAN'S NAME: KEVIN WALSH / BILL BASKALL

INSTRUMENT: FLOW TRANSMITTER

TAG NO: FIT-60

LOCATION: Scrubber Venturi Recycle

FUNCTION CHECK ONLY: N/A

CV FUNCTIONAL CHECK: N/A PSI OPEN N/A PSI CLOSED

CALIBRATION SET POINT: 0-100" H₂O

	DESIRED INPUT	DESIRED OUTPUT	AS FOUND OUTPUT	MT. METER %	AS LEFT OUTPUT
1	0" H ₂ O	0.1 mA	0.1 mA	0%	0.1 mA
2	100 in H ₂ O	100% 100 mA	100 in H ₂ O	98%	100 in H ₂ O
3	0 in H ₂ O	4.00 mA	4.01 mA		4.01 mA
4	100 in H ₂ O	20.00 mA	19.98 mA		19.98 mA
5					

TEST EQUIPMENT USED:

SERIAL #	CAL. DATE DUE	CAL. DATE DUE
DRUCK		
6012851212	12/23/92	12/23/93

NOTES

FLUKE DVM

56300229

5/3/93

5/3/94

SIGNATURE OF TECHNICIAN:

Kevin Walsh

DATE: 6/2/93

PROJECT: WESTON - ROCKY MTN. ARSENAL
CONTRACT: T-THERMAL J.O. #1-9350ORIGINAL KW MM/DD/YY
LAST REV. KW 09/27/91

GENERAL	1	SERVICE:	VENTURI RECYCLE FLOW
	2	MATERIAL LIST:	ML-1721-A-215
ORIFICE	3	TYPE OF BORE:	CONCENTRIC
PLATES	4	STANDARD REFERENCE:	ASME MFC-3M-1985
	5	BORE SIZING:	SIZE FOR EXACT MAX. RATE
	6	MATERIAL:	HASTELLOY "C"
	7	RING MAT'L & TYPE:	N/A
	8	BETA=d/D:	0.70682
	9	ORIFICE BORE:	2.8457 INCHES
	10	LINE I.D.:	4.026
	11	VENT OR DRAIN HOLE:	NONE
	12	PLATE THICKNESS:	1/8 INCHES
	13	MANUFACTURER:	FLOW-LIN CORP
	14	MODEL:	T-T CALC ATTACHED
ORIFICE	15	TYPE OF TAP:	FLANGE TAPS
FLANGES	16	TAP SIZE:	1/2" NPT
	17	FLANGE TYPE:	NONE
	18	FLANGE SIZE:	4" NPT
	19	FLANGE MATERIAL:	CARBON STEEL
	20	FLANGE RATING:	300 LB.
	21		FLANGES- BY OTHERS
FLUID	22	FLUID TYPE:	5% NACL IN WATER
DATA	23	FLUID STATE:	LIQUID
	24	MAXIMUM FLOW:	300 GPM
	25	NORMAL FLOW:	262 GPM
	26	UPSTREAM PRESSURE:	60 PSIG
	27	OPER. TEMPERATURE:	181 DEG F
	28	BASE TEMPERATURE:	60 DEG F
	29	BASE PRESSURE:	14.7
	30	DENSITY AT BASE:	1.15
	31	OPER. DENSITY:	1.15
	32	SUPERCOMP. FACTOR:	1
	33	MOLECULAR WEIGHT:	N/A
	34	Cp/Cv:	N/A
	35	OPER. VISCOSITY:	1
	36	QUALITY / SUPERHEAT:	N/A
	37	FLUID NOTE 1:	
	38	FLUID NOTE 2:	
	39	FLUID NOTE 3:	
METER	40	METER TYPE:	DIAPHRAGM
	41	DIFF. RANGE-DRY:	100" W.C.
	42	SEAL SP.GR. @ 60 F:	N/A
	43	STATIC PRESS. RANGE:	100 PSIG
	44	METER NOTE 1:	
	45	METER NOTE 2:	
	46	FOR TRANSMITTER SEE:	FT-60
	47	NOTES:	
	48		
	49		

END OF INSTRUMENT TAG NUMBER <FE-60>

PROJECT: WESTON - ROCKY MTN. ARSENAL
CONTRACT: T-THERMAL J.O. #1-9350

ORIGINAL KW MM/DD/YY
LAST REV. KW 05/19/92

GENERAL	1	SERVICE:	VENTURI RECYCLE FLOW
	2	MATERIAL LIST:	ML-1721-A-165
	3	FUNCTION:	INDICATE:Y BLIND:N
	4	CASE:	SIZE: MPR STD
	5		COLOR: MPR STD
	6	MOUNTING:	PIPE
	7	ENCLOSURE CLASS:	NEMA 4 WEATHER PROOF
	8	POWER SUPPLY:	VOLTAGE: 24 VDC
	9		CURRENT: DC
	10		HERTZ: 0
	11	TRANSMITTER OUTPUT:	4-20 MA
	12		For Receiver See: DCS SCHEMATIC
	13	ELEMENT TYPE:	DIAPHRAGM
	14	MATERIALS:	BODY: HASTELLOY "C"
	15		ELEMENT: HASTELLOY "C"
	16	RATING:	OVERRANGE: 2000 PSIG
	17		BODY RATING: 2000 PSIG
	18	DIFFERENTIAL RANGE:	TYPE: ADJUSTABLE
	19		ADJ RANGE: 0-25 TO 0-150"
	20		SET AT: 100" W.C.
	21		ELEVATION: 0
	22		SUPPRESSION: 0
	23	PROCESS DATA:	FLUID: LIQUID
	24		MAX TEMP.: 181 DEG F
	25		MAX PRESSURE: 60 PSIG
	26	PROCESS CONNECTION:	1/2" NPT
	27	ALARM SWITCHES:	QUANTITY: NONE
	28		FORM: N/A
	29		RATING: N/A AMPS
	30		N/A VOLTS
	31	FUNCTION:	N/A
	32		CONTACTS TO OPEN
	33		ON VARIABLE INCREASE
	34	ACCESSORIES:	OUTPUT METER:Y SMART ELEC:Y
	35		ADJ. DAMP:N SQ. RT. EXT.:N
	36		OTHER:
	37	MANUFACTURER:	ROSEMOUNT
	38	MODEL NUMBER:	1151DP4S33M1B1
	39	NOTES:	
	40		
MANIFOLD	41	IS REQUIRED?:	3
	42	SEE ML #:	#165A
	43	NOTES:	D/A #SBZ43-T-HH-AP1
	44		
REMOTE	45	NO. SEALS REQUIRED:	NONE
DIAPH.	46	MATERIALS	BODY: N/A
	47		DIAPH: N/A
	48		FILL: N/A
	49	CAPILLARY LENGTH:	N/A
	50	MANUFACTURER:	N/A
	51	MODEL NUMBER:	N/A
	52	NOTES:	
	53		
	54		
	55		
	56		

END OF INSTRUMENT TAG NUMBER <FIT-60>

S. Q. I. OPERATIONS CALIBRATION SHEETS

DATE: 6/2/93

DUE DATE: 1/2/94

TECHNICIAN'S NAME: KEVIN WALSH / BILL BASKALL

INSTRUMENT: FLOW TRANSMITTER TAG NO: FIT-65

LOCATION: Scrubber Venturi Recycle

FUNCTION CHECK ONLY: N/A

CV FUNCTIONAL CHECK: N/A PSI OPEN N/A PSI CLOSED

CALIBRATION SET POINT: 0-150 in H₂O

	DESIRED INPUT	DESIRED OUTPUT	INT. METER %	AS FOUND OUTPUT	INT. METER %	AS LEFT OUTPUT	%
1	0 in H ₂ O	0 in H ₂ O	0%	0 in H ₂ O	0%	0 in H ₂ O	0%
2	150 in H ₂ O	150 in H ₂ O	100%	150 in H ₂ O	100%	150 in H ₂ O	100%
3	0 in H ₂ O	4.00 mA		4.00 mA		4.00 mA	
4	150 in H ₂ O	20.00 mA		20.03 mA		20.03 mA	
5							

TEST EQUIPMENT USED:	SERIAL #	CAL. DATE DUE	CAL. DATE DUE
	DRUCK		
	6012851212	12/23/92	12/23/93

NOTES FLUKE DVM

56300229 5/3/93 5/3/94

SIGNATURE OF TECHNICIAN: Kevin Walsh DATE: 6/2/93

PROJECT: WESTON - ROCKY MTN. ARSENAL
CONTRACT: T-THERMAL J.O. #1-9350ORIGINAL KW MM/DD/YY
LAST REV. KW 09/27/91

GENERAL	1	SERVICE:	SCRUBBER RECYCLE FLOW
	2	MATERIAL LIST:	ML-1721-A-212
ORIFICE	3	TYPE OF BORE:	CONCENTRIC
PLATES	4	STANDARD REFERENCE:	ASME MFC-3M-1985
	5	BORE SIZING:	SIZE FOR EXACT MAX. RATE
	6	MATERIAL:	HASTELLOY "C"
	7	RING MAT'L & TYPE:	N/A
	8	BETA=d/D:	0.72984
	9	ORIFICE BORE:	2.9383 INCHES
	10	LINE I.D.:	4.026
	11	VENT OR DRAIN HOLE:	NONE
	12	PLATE THICKNESS:	1/8 INCHES
	13	MANUFACTURER:	FLOW-LIN CORP
	14	MODEL:	T-T CALC ATTACHED
ORIFICE	15	TYPE OF TAP:	FLANGE TAPS
FLANGES	16	TAP SIZE:	1/2" NPT
	17	FLANGE TYPE:	NONE
	18	FLANGE SIZE:	4"NPT
	19	FLANGE MATERIAL:	CARBON STEEL
	20	FLANGE RATING:	300 LB.
	21		FLANGES- BY OTHERS
FLUID	22	FLUID TYPE:	5% NACL IN WATER
DATA	23	FLUID STATE:	LIQUID
	24	MAXIMUM FLOW:	400 GPM
	25	NORMAL FLOW:	300 GPM
	26	UPSTREAM PRESSURE:	60 PSIG
	27	OPER. TEMPERATURE:	181 DEG F
	28	BASE TEMPERATURE:	60 DEG F
	29	BASE PRESSURE:	14.7
	30	DENSITY AT BASE:	1.15
	31	OPER. DENSITY:	1.15
	32	SUPERCOMP. FACTOR:	1
	33	MOLECULAR WEIGHT:	N/A
	34	Cp/Cv:	N/A
	35	OPER. VISCOSITY:	1
	36	QUALITY / SUPERHEAT:	N/A
	37	FLUID NOTE 1:	
	38	FLUID NOTE 2:	
	39	FLUID NOTE 3:	
METER	40	METER TYPE:	DIAPHRAGM
	41	DIFF. RANGE-DRY:	100" W.C.
	42	SEAL SP.GR. @ 60 F:	N/A
	43	STATIC PRESS. RANGE:	100 PSIG
	44	METER NOTE 1:	
	45	METER NOTE 2:	
	46	FOR TRANSMITTER SEE:	FT-65
	47	NOTES:	
	48		
	49		

END OF INSTRUMENT TAG NUMBER <FE-65>

PROJECT: WESTON - ROCKY MTN. ARSENAL
CONTRACT: T-THERMAL J.O. #1-9350

ORIGINAL KW MM/DD/YY
LAST REV. KW 05/19/92

GENERAL	1	SERVICE:	SCRUBBER RECYCLE FLOW
	2	MATERIAL LIST:	ML-1721-A-162
	3	FUNCTION:	INDICATE:Y BLIND:N
	4	CASE:	SIZE: MFR STD
	5		COLOR: MFR STD
	6	MOUNTING:	PIPE
	7	ENCLOSURE CLASS:	NEMA 4 WEATHER PROOF
	8	POWER SUPPLY:	VOLTAGE: 24 VDC
	9		CURRENT: DC
	10		HERTZ: 0
	11	TRANSMITTER OUTPUT:	4-20 MA
	12		For Receiver See: DCS SCHEMATIC
	13	ELEMENT TYPE:	DIAPHRAGM
	14	MATERIALS:	BODY: HASTELLOY "C"
	15		ELEMENT: HASTELLOY "C"
	16	RATING:	OVERRANGE: 2000 PSIG
	17		BODY RATING: 2000 PSIG
	18	DIFFERENTIAL RANGE:	TYPE: ADJUSTABLE
	19		ADJ RANGE: 0-25 TO 0-150"
	20		SET AT: 100" W.C.
	21		ELEVATION: 0
	22		SUPPRESSION: 0
	23	PROCESS DATA:	FLUID: LIQUID
	24		MAX TEMP.: 181 DEG F
	25		MAX PRESSURE: 60 PSIG
	26	PROCESS CONNECTION:	1/2" NPT
	27	ALARM SWITCHES:	QUANTITY: NONE
	28		FORM: N/A
	29		RATING: N/A AMPS
	30		N/A VOLTS
	31	FUNCTION:	N/A
	32		CONTACTS TO OPEN
	33		ON VARIABLE INCREASE
	34	ACCESSORIES:	OUTPUT METER:Y SMART ELEC:Y
	35		ADJ. DAMP:N SQ. RT. EXT.:N
	36		OTHER:
	37	MANUFACTURER:	ROSEMOUNT
	38	MODEL NUMBER:	1151DP4S33M1B1
	39	NOTES:	
	40		
MANIFOLD	41	IS REQUIRED?:	3
	42	SEE ML #:	#162A
	43	NOTES:	D/A #SBZ43-T-HH-AP1
	44		
REMOTE	45	NO. SEALS REQUIRED:	NONE
DIAPH.	46	MATERIALS	BODY: N/A
	47		DIAPH: N/A
	48		FILL: N/A
	49	CAPILLARY LENGTH:	N/A
	50	MANUFACTURER:	N/A
	51	MODEL NUMBER:	N/A
	52	NOTES:	
	53		
	54		
	55		
	56		

END OF INSTRUMENT TAG NUMBER <FIT-65>

S. Q. I. OPERATIONS CALIBRATION SHEETS

DATE: 19-June-93DUE DATE: 9-July-94TECHNICIAN'S NAME: Mike PrattINSTRUMENT: Pressure D.P. Ind. TransTAG NO: POIT-53LOCATION: H² Fluor Vent.FUNCTION CHECK ONLY: N/ACV FUNCTIONAL CHECK: N/A PSI OPEN N/A PSI CLOSEDCALIBRATION SET POINT: 0-150" H₂O 4-20mA

	DESIRED INPUT	DESIRED OUTPUT	AS FOUND OUTPUT	AS LEFT OUTPUT
1	0"	4mA	0" - 4mA	0 - 4mA
2	37.3"	8mA	37.2" - 8mA	37.2 - 8mA
3	75"	12mA	75" - 12mA	75" - 12mA
4	112.5"	16mA	112.5" - 16mA	112.5" - 16mA
5	150"	20mA	150" 20mA	150" - 20mA

TEST EQUIPMENT USED:

SERIAL #	CAL. DATE	SUB	CAL. DATE DUE
5630022V	5/27/93		5/27/94
Mer-Cal DO216609	2/17/93		8/17/94

NOTES

Calibrated Inst. no Adj necessarySIGNATURE OF TECHNICIAN: Michael P. PrattDATE: 6/9/93

PROJECT: WESTON - ROCKY MTN. ARSENAL
CONTRACT: T-THERMAL J.O. #1-9350

ORIGINAL KW MM/DD/YY
LAST REV. KW 09/23/91

GENERAL	1	SERVICE:	VENTURI DIFF. PRES.
	2	MATERIAL LIST:	ML-1721-A-133
	3	FUNCTION:	INDICATE:Y BLIND:N
	4	CASE:	SIZE: MFR. STD.
	5		COLOR: MFR. STD.
	6	MOUNTING:	PIPE
	7	ENCLOSURE CLASS:	NEMA 4 WEATHER PROOF
	8	POWER SUPPLY:	VOLTAGE: 24 VDC
	9		CURRENT: DC
	10		HERTZ: 0
	11	TRANSMITTER OUTPUT:	4-20 MA
	12		For Receiver See: DCS SCHEMATIC
	13	ELEMENT TYPE:	DIAPHRAGM
	14	MATERIALS:	BODY: HASTELLOY 'C'
	15		ELEMENT: HASTELLOY 'C'
	16	RATING:	OVERRANGE: 2000 PSIG
	17		BODY RATING: 2000 PSIG
	18	DIFFERENTIAL RANGE:	TYPE: ADJUSTABLE
	19		ADJ RANGE: 0-25T00-150"WC
	20		SET AT: 100" WC
	21		ELEVATION: 0
	22		SUPPRESSION: 0
	23	PROCESS DATA:	FLUID: LIQUID
	24		MAX TEMP.: 100
	25		MAX PRESSURE: 15 PSIG
	26	PROCESS CONNECTION:	1/2" NPT
	27	ALARM SWITCHES:	QUANTITY: NONE
	28		FORM: N/A
	29		RATING: N/A AMPS
	30		N/A VOLTS
	31	FUNCTION:	N/A
	32		CONTACTS TO OPEN
	33		ON VARIABLE INCREASE
	34	ACCESSORIES:	OUTPUT METER:Y COND. POTS:N
	35		ADJ. DAMP:N SQ. RT. EXT.:N
	36		OTHER: SMART ELECTRONICS
	37	MANUFACTURER:	ROSEMOUNT
	38	MODEL NUMBER:	1151DP4S33M1B1
	39	NOTES:	
	40		
MANIFOLD	41	NO. VALVES REQUIRED:	3
	42	MATERIALS:	BODY: HASTELLOY 'C'
	43		SEAT: HASTELLOY 'C'
	44		STEM: HASTELLOY 'C'
	45	PACKING:	TEFLON
	46	MANUFACTURER:	D/A
	47	MODEL NUMBER:	SBZ43-T-HH-AF1
	48	NOTES:	MANIFOLD ML # 133A
	49		
REMOTE	50	NO. SEALS REQUIRED:	NONE
DIAPH.	51	MATERIALS	BODY: N/A
	52		DIAPH: N/A
	53		FILL: N/A
	54	CAPILLARY LENGTH:	N/A
	55	MANUFACTURER:	N/A
	56	MODEL NUMBER:	N/A
	57	NOTES:	
	58		

END OF INSTRUMENT TAG NUMBER <PDIT-53>

S. Q. I. OPERATIONS CALIBRATION SHEETS

DATE: 6-1-93

DUE DATE: 1-1-94

TECHNICIAN'S NAME: Mike Pratt

INSTRUMENT: Thermo-Couple

TAG NO: TE 34A

LOCATION: 3rd floor

FUNCTION CHECK ONLY: ✓

CV FUNCTIONAL CHECK: N/A PSI OPEN N/A PSI CLOSED

CALIBRATION SET POINT: N/A

	DESIRED INPUT	DESIRED OUTPUT	AS FOUND OUTPUT	AS LEFT OUTPUT
1				
2				
3				
4				
5				

TEST EQUIPMENT USED:	SERIAL #	CAL. DATE DUE	CAL. DATE DUE
	Biddell		
	1530	^{MD} 12/92 12/92	12/93

NOTES Sent a signal (mv) back to the PMCS
at 2000°F with the Biddell the PMCS was reading
2019°F At 0° the PMCS was 37°F

SIGNATURE OF TECHNICIAN: Mike Pratt DATE: 6-1-93

S. Q. I. OPERATIONS CALIBRATION SHEETS

TE: 6-1-93

DUE DATE: 1-1-94

TECHNICIAN'S NAME: M. Ke Pratt

INSTRUMENT: Thermo - Couple

TAG NO: TE 348

LOCATION: 3rd floor

FUNCTION CHECK ONLY: ✓

CV FUNCTIONAL CHECK: N/A PSI OPEN N/A PSI CLOSED

CALIBRATION SET POINT: N/A

	DESIRED INPUT	DESIRED OUTPUT	AS FOUND OUTPUT	AS LEFT OUTPUT
1				
2				
3				
4				
5				

TEST EQUIPMENT USED:	SERIAL #	CAL. DATE DUE	CAL. DATE DUE
	Biddle 1530	12/92	12/93

NOTES

I sent a mv signal with the biddle to the C.O. CRO. At 2000°F The PMCS was reading 2025°F, at 0°F the PMCS was reading 40°F

SIGNATURE OF TECHNICIAN: M. Ke Pratt DATE: 6-1-93

S. Q. I. OPERATIONS CALIBRATION SHEETS

TE: 6-1-92

DUE DATE: 1-1-94

TECHNICIAN'S NAME: Mike Pratt

INSTRUMENT: Thermo-Couple

TAG NO: TE34C

LOCATION: 3rd floor

FUNCTION CHECK ONLY: ✓

CV FUNCTIONAL CHECK: N/A PSI OPEN N/A PSI CLOSED

CALIBRATION SET POINT: N/A

	DESIRED INPUT	DESIRED OUTPUT	AS FOUND OUTPUT	AS LEFT OUTPUT
1				
2				
3				
4				
5				

TEST EQUIPMENT USED:	SERIAL #	CAL. DATE DUE	CAL. DATE DUE
	<u>Bidd6</u> <u>1530</u>	<u>12/9/92</u>	<u>12/92</u>

NOTES

Sent signal with the Bidd6 back to the
PMCS At 2000°F PMCS was reading 2036
at 0° the PMCS was reading 53°

SIGNATURE OF TECHNICIAN: Mike Pratt DATE: 6-1-92

TAG: PIT-31

TYPE: 30-Pressure Transmitters

PROJECT: WESTON - ROCKY MTN. ARSENAL
 CONTRACT: T-THERMAL J.O. #1-9350

ORIGINAL KW MM/DD/YY
 LAST REV. KW 09/23/91

GENERAL	1	SERVICE:	INCINERATOR PRESSURE
	2	MATERIAL LIST:	ML-1721-A-113
	3	FUNCTION:	BLIND:F INDICATE:_Y
	4	CASE:	SIZE: MFR. STD.
	5		COLOR: MFR. STD
	6	MOUNTING:	PIPE
	7	ENCLOSURE CLASS:	NEMA 4 WEATHER PROOF
	8	POWER SUPPLY:	VOLTAGE: 24
	9		CURRENT: DC
	10		HERTZ: 0
	11	OUTPUT:	4-20 MA
	12	For Receiver See:	DCS SCHEMATIC
	13	PROCESS DATA:	NORMAL PRES: 5 PSIG
	14		MAX. PRES: 10 PSIG
	15	OVER PRESSURE PROTECTION TO:	250 PSIG
	16		CAL. RANGE: 10 PSIG
	17		CAL. ZERO: 0 PSIG
	18	MATERIAL OF WETTED PARTS:	MFR STD
	19	NOTES:	
ALARMS	20	ALARM SWITCHES:	QUANTITY: N/A
	21		FORM: N/A
	22		RATING: N/A AMPS
	23		N/A VOLTS
	24	FUNCTION:	N/A
	25		CONTACTS TO OPEN
	26		ON VARIABLE INCREASE
OPTIONS	27	ACCESSORIES:	OUTPUT METER
	28		
	29	MANUFACTURER:	ROSEMOUNT
	30	MODEL NUMBER:	1151GP5S12M1B1
	31	NOTES:	
	32		
	33	DIAPHRAGM SEAL REQUIRED:	NO
	34	TYPE:	N/A
	35	MATERIAL:	N/A
	36	FILL:	N/A
	37	CAPILLARY:	N/A
	38	MANUFACTURER:	N/A
	39	MODEL NUMBER:	N/A
	40	NOTES:	
	41		
	42	ISOLATION VALVE REQUIRED:	YES
	43	TYPE:	THREE WAY
	44	BODY MATERIAL:	T-316 S.S.
	45	STEM/SEAT MATERIAL:	T-316 S.S.
	46	PACKING MATERIAL:	TEFLON-ASBESTOS
	47	CONNECTION SIZE/TYPE:	1/2" FNPT
	48	MANUFACTURER:	D/A
	49	MODEL NUMBER:	PTM6THH
	50	NOTES:	ISOLATION VALVE ML # 113A
	51		
	52	SYPHON REQUIRED?:	NO
	53	SYPHON MATERIAL:	N/A
	54	MANUFACTURER:	N/A
	55	MODEL NO.:	N/A
	56	SNUBBER REQUIRED?:	NO
	57	MANUFACTURER:	N/A
	58	MODEL NO.:	N/A

END OF INSTRUMENT TAG NUMBER <PIT-31>

Instrument:

- Repair
- Modification
- Sales
- New
- Used
- Rentals



Instrumentation, Inc.

15701 East First Ave., #106
Aurora, Colorado 80011
(303) 364-8325
(303) 340-8728
FAX (303) 364-8353

CERTIFICATE OF CALIBRATION

Mfgr: Fluke

Customer: Morrison
Knudsen Corp.

Model #: 87

Customer P.O. #: Verbal

Serial #: 56300222R

R & R Job #: 30821-2

Description: Digital Multimeter

Calibration Procedure: Factory Procedure

Accuracy Specifications: Factory Specifications

PLEASE SEE ATTACHED COPY OF
CERTIFICATE OF CALIBRATION SUPPLIED BY
JOHN FLUKE MFG. CO., INC.

R & R Instrumentation, Inc. does hereby certify the above listed instrument meets or exceeds all published specifications and has been calibrated using standards whose accuracies are traceable to the U.S. National Institute of Standards and Technology within the limitations of the type of self-calibration techniques. Our calibration system complies with MIL-STD-45662A.

FACTORY RECOMMENDED CALIBRATION DUE DATE IS: 27 May '94

WORK PERFORMED BY:

Calibrated by: Fluke

Date: 27 May '93

Repaired by:

Date:

Approved by:

Dan Nickerson

Date: 02 Jun '93

Service Manager,
R & R Instrumentation

CERTIFICATE OF CALIBRATION

CALIBRATED BY	FLUKE TECHNICAL CENTER 1150 W. EUCLID AVENUE PALATINE, IL 60067
	R & R INSTRUMENTATION, INC. 15701 E 1ST AVE UNIT 106 AURORA CO 80011

CERTIFICATE NO. 468597
REFERENCE NO. R.R.P.

	MODEL / PART NO.	SERIAL NUMBER	ACCESSORIES / PARTS INCLUDED
FOR	FLUKE-87	56300222 R	HDLSTER
	CALIBRATION STATUS		CAL. CONDITIONS
RECEIVED	IN TOLERANCE		24 °C
RETURNED	IN TOLERANCE MIL-STD-45662A APPLIES		41 %RH

The John Fluke Mfg. Co., Inc. certifies that the above listed instrument meets or exceeds all published specifications. It has been calibrated using standards whose accuracies are traceable to the National Institute of Standards and Technology. Alternatively, accuracies have been derived from accepted values of natural physical constants, or have been derived by the ratio type of self-calibration techniques.

TECH. NO. 228 ART MARTINEZ
CERTIFIED BY
LARRY AZUS MAY-27-93
SERVICE MANAGER CALIBRATION DATE

CALIBRATION DATA	
S/N	56300222
DATE	MAY-27-93
DUE	MAY-27-94
BY	228

FLUKE®

Instrument:

- Repair
- Modification
- Sales
- New
- Used
- Rentals



Instrumentation, Inc.

15701 East First Ave., #106
Aurora, Colorado 80011
(303) 364-8325
(303) 340-8728
FAX (303) 364-8353

RECEIVED

MAY 11 1993

SIGNED BY:

CERTIFICATE OF CALIBRATION

Mfgr: Fluke

Customer: Morrison Knudsen
Corporation

Model #: 87

Customer P.O. #: Verbal

Serial #: 56300229

R & R Job #: 30709-1

Description: Digital Multimeter

Calibration Procedure: Factory Procedure

Accuracy Specifications: Factory Specifications

PLEASE SEE ATTACHED COPY OF
CERTIFICATE OF CALIBRATION SUPPLIED BY
JOHN FLUKE MFG. CO., INC.

R & R Instrumentation, Inc. does hereby certify the above listed instrument meets or exceeds all published specifications and has been calibrated using standards whose accuracies are traceable to the U.S. National Institute of Standards and Technology within the limitations of the type of self-calibration techniques. Our calibration system complies with MIL-STD-45662A.

FACTORY RECOMMENDED CALIBRATION DUE DATE IS: 03 May '94

WORK PERFORMED BY:

Calibrated by: Fluke

Date: 03 May '93

Repaired by:

Date:

Approved by:

Dan Nickerson

Date: 03 May '93

Service Manager,
R & R Instrumentation

CERTIFICATE OF CALIBRATION

CALIBRATED BY	FLUKE TECHNICAL CENTER 1150 W. EUCLID AVENUE PALATINE, IL 60067
	R & R INSTRUMENTATION, INC. 15701 E 1ST AVE UNIT 106 AURORA CO 80011

CERTIFICATE NO.

459516

REFERENCE NO.

DF

	MODEL / PART NO.	SERIAL NUMBER	ACCESSORIES / PARTS INCLUDED
FOR	FLUKE-87	56300229	HOLSTER
	CALIBRATION STATUS		CAL. CONDITIONS
RECEIVED	IN TOLERANCE		25 °C
RETURNED	IN TOLERANCE MIL-STD-45662A APPLIES		44 %RH

The John Fluke Mfg. Co., Inc. certifies that the above listed instrument meets or exceeds all published specifications. It has been calibrated using standards whose accuracies are traceable to the National Institute of Standards and Technology. Alternatively, accuracies have been derived from accepted values of natural physical constants, or have been derived by the ratio type of self-calibration techniques.

TECH. NO. 248 STEVE BOWLES
CERTIFIED BY
LARRY AZUS MAY-03-93
SERVICE MANAGER CALIBRATION DATE

CALIBRATION DATA	
S/N	56300229
DATE	MAY-03-93
DUE	MAY-03-94
BY	248

FLUKE®



Druck

Druck Incorporated

Precision transducer systems
and electronic equipment
for research and industry

No.

CALIBRATION CERTIFICATE

DPI 601

S/No. 6012852212

Date: 12/22/92

Linearity Data Traceable to N.I.S.T.

Scale A	100 psi g		
Nominal PSI	*Corrected Scale Units	Reading	Deviation % F.S.D.
100	99.96	99.96	0
80	79.97	79.97	0
60	59.98	59.98	0
40	39.98	39.98	0
20	19.99	19.99	0
Scale B	2770 in. H ² O @ 68°F		
100	2771.9	2772.1	+0.007
40	1108.7	1108.8	+0.004
Scale C	203 in. Hg		
100	203.52	203.53	+0.005
40	81.41	81.41	0
Scale D			

*Corrected for gravity and temperature as appropriate.

Temperature Coefficient:

Calibration Instrument: Budenberg 19999
Temperature Ambient (°F): 74°F
Temperature Range (°F): 32° to 104°F
Span Drift (% F.S.D./°F): 0.003

These are test results not a specification.

Inspector



Druck Incorporated 4 Dunham Drive, New Fairfield, Connecticut 06812
Telephone: (203) 746-0400 Fax: (203) 746-2494 Telex: 643118



AVO BIDDLE INSTRUMENTS

CERTIFICATE OF CALIBRATION

* 21944 *

DATE:	04 MAY 92	CALIBRATED BY:	S. SAGWITZ
BIDDLE ORDER:	2052328	INSTRUMENT:	VERSA-CAL.
CATALOG No.:	720390	CUSTOMER:	R&R INSTRUMENTATION REP.
SERIAL No.:	1530	CUSTOMER P.O.:	01-4973

We hereby certify that all the materials, equipment, and supplies covered by the above order number(s) have been inspected and tested and found to be within tolerances as to workmanship and published specifications.

Tests were performed with standards that have been certified by, or are directly traceable to, the National Institute of Standards and Technology.

Test data **IF REQUESTED** are on page 2.

One or more of the below listed
NIST Test Report Nos. apply to
standards used for calibration.

STANDARDS USED:

811/248987-91 [DEC. '91]V
811/248988-91 [DEC. '91]R
7.3/237054-87 [APR. '87]T
17527-8695-1-91 [NOV. '91]F
728/244568-89 [OCT. '89]C
728/240033-87 [OCT. '87]TTR

SEE SHEET #2 FOR STANDARDS USED

Calibration System:

MIL-STD-45662A

Test Conditions:

Temp. 23°C R.H. 40%


Quality Assurance Manager


Chief Inspector

21944

Table 2: Ranges, Resolution, and Limit of Error for Resistance and
RTD Ranges, Measure Mode

RANGE Switch Setting	Test mA	Range ¹	Resolution	Limit of Error ² 25±10°C, 1 Year	
				4-Wire	Add for 3-Wire
RES OHMS 400 Ω	0.5	0-40.060 40-400.60 Ω	0.001 0.01 Ω	±(0.03%+0.003 Ω) ±(0.03%+0.02 Ω)	0.002 Ω 0.02 Ω
RES OHMS 4 Ω	0.05	0-400.60 Ω 400-4000.0 Ω	0.01 Ω 0.1 Ω	±(0.03%+0.03 Ω) ±(0.03%+0.2 Ω)	0.02 Ω 0.1 Ω
TEMP RTD PT DIN 100 Ω	0.5	-200.00-157.00°C 157-800.0°C -392.0-314.00°F 314-1408.0°F 73.00-430.00°K ³ 430-1073.0°K	0.01°C 0.1°C 0.02°F 0.1°F 0.01°K 0.1°K	±(0.03%+0.15°C) ±(0.03%+0.2°C) ±(0.03%+0.3°F) ±(0.03%+0.4°F) ±(0.03%+0.05°K) ±(0.03%+0.1°K)	0.02°C 0.02°C 0.04°F 0.04°F 0.02°K 0.02°K
TEMP RTD CU 10 Ω	0.5	(-) 200.0-260.0°C (-) 392.0-500.0°F	0.1°C 0.1°F	0.3°C 0.5°F	0.02°C 0.04°F
TEMP RTD NI 120 Ω	0.5	(-) 70-270°C (-) 94-524°F	0.01°C 0.02°F	0.25°C 0.5°F	0.02°C 0.04°F

Notes to Table 2:

- Description and source of RTD temperature curves
 PT DIN 100 Ω : platinum, 100 Ω at 0°C. $\alpha = 0.385$, 0 percent per °C, to DIN Standard 43760.
 CU 10 Ω : copper, 10 Ω at 25°C per Minco Products Inc. Table No. 16-9.
 NI 120 Ω : nickel, 120 Ω at 0°C. $\alpha = 0.672$ percent per °C, per Minco Products Inc. Table No. 7-120.
- Limit or error covers A/D converter linearity, zero shift, span change, conformity, digital roundoff, and noise, and applies with charger or lamp on or off after five minutes warm-up. 3-wire limits are for matched lead resistance in P1 and C2. Conformity of linearization to original source is 0.005°C for PT, DIN, 0.05°C for CU, 0.1°C for NI.
- °K (Kelvin) on special order only.



510 Township Line Road
Blue Bell, PA 19422 USA

Phone: 215/646-9200
FAX: 215/643-2670
Orders: 1-800-366-5543

SHEET #2

21944

SERIAL NO. OF 720390: 1530

LIST OF STANDARDS USED TO CALIBRATE 720390

STANDARD CAT. NO.	SERIAL	MFG.	DESCRIPTION	CAL. DUE DATE
197	312509	KEITHLEY	DIG. MULTIMETER	07/92
72-3110	85886	BIDDLE	mV POT.	07/92
T-720390-2	X940	BIDDLE	TEST FIXTURE	11/92
601245	34364	BIDDLE	100 OHM STAND.	12/92
T-720390-3	NONE	BIDDLE	TEST FIXTURE [Freq. Std.]	07/92

Table 1: Ranges, Resolution, and Limit of Error for Thermocouple and Millivolts
Ranges, Measurement Mode

TC/mV TYPE Switch ⁴ Pos.	Type ¹	Range	Resolution and Repeatability	Limit of Error ³	
				Standard Models 25±10°C, 1 Year	SA Models ⁵ 25±5°C, 6 months (Reduced Range Where Listed)
1	mV ²	(=) 0-20.030 mV (=) 20-200.30 mV (=) 200-4006.0 mV	0.001 mV 0.01 mV 0.1 mV	±(0.03% rdg + 0.005 mV) ±(0.03% rdg + 0.02 mV) ±(0.02% rdg + 0.2 mV)	±(0.015% rdg + 0.0025 mV) ±(0.02% rdg + 0.02 mV) ±(0.02% rdg + 0.2 mV)
2	J	-346 to -2192°F -210 to -1200°C	0.1°F 0.1°C	±1°F ±0.6°C	±0.5°F (0 to 1600°F) ±0.3°C (-18 to 870°C)
3	K	-328 to -2501°F -200 to -1372°C	0.1°F 0.1°C	±1°F ±0.6°C	±0.5°F (0 to 2400°F) ±0.3°C (-18 to 1315°C)
4	T	Primary: -337 to -752°F -205 to -400°C Extended: -405 to -337°F -243 to -205°C	0.1°F 0.1°C 0.1°F 0.1°C	±1°F ±0.6°C ±10°F ±6°C	±0.5°F (-300 to 700°F) ±0.3°C (-205 to 400°C)
5	E	Primary: -389 to -1832°F -234 to +1000°C Extended: -422 to -389°F -252 to -234°C	0.1°F 0.1°C 0.1°F 0.1°C	±1°F ±0.6°C ±5°F ±3°C	±0.5°F (0 to 1800°F) ±0.3°C (-18 to 982°C)
6, 7	R, S	-58 to -3214°F -50 to -1768°C	1°F 1°C	±2°F ±1°C	±1°F (0 to 3200°F) ±0.8°C (-18 to 1704°C)
8	B	Primary: 1112 to 3308°F 600 to 1820°C Extended: 680 to 1112°F 360 to 600°C	1°F 1°C 1°F 1°C	±2°F ±1.5°C ±3°F ±2°C	±1.5°F ±1.1°C ±2.2°F ±1.5°C
9	N	-32 to 2372°F 0 to 1300°C	0.1°F 0.1°C	±1.5°F ±1°C	±1°F ±0.7°C
10	C	Primary: -32 to 2192°F 0 to 1300°C Extended: 2192 to 3812°F 3812 to 4200°F 1200 to 2100°C 2100 to 2315°C	1°F 1°C 1°F 1°F 1°C 1°C	±1°F ±1°C ±2°F ±3°F ±1.5°C ±2°C	±1°F ±0.8°C ±1.5°F ±1.1°F ±2.5°F ±1.6°C
11	NM	0 to 2372°F -18 to 1300°C	1°F 1°C	±3.5°F ±2.3°C	±3°F (32 to 2370°F) ±2°C (0 to 1300°C)
12	Spare	—	—	—	—

Notes to Table 1:

- Thermocouple symbols and curves are calibrated to International Practical Temperature Scale (IPTS) 1968 and defined by ANSI MC96.1 except as noted in the following:
 J — Iron - Constantan
 K — Chromel - Alumel
 T — Copper - Constantan
 E — Chromel - Constantan
 R — Platinum / 13% Rhodium - Platinum
 S — Platinum / 10% Rhodium - Platinum
 B — Platinum / 30% Rhodium - PT / 6% Rhodium
 N — Nicrosil - Nilasil per NBS (now NIST) Monograph 161
 C — Tungsten / 5% Rhenium - Tungsten / 26% Rhenium per Hoskins Mfg. Co.
 NM — Nickel - Nickel / 18% Molybdenum per General Electric Company table, using IPTS of 1927; symbol "NM" assigned by Biddle Instruments.
 Other thermocouple types are supplied on request.

- Millivolt measure range has automatic range changes, with hysteresis, at ±20.03 mV and ±200.3 mV.
- Limit of error includes linearization conformity, resolution, zero error, span error, noise, and reference junction compensation error. For type B, assumes copper extension leads with reference junction temperature between 10 and 35°C (50 to 95°F). Applies to operation with charger and display lamp off at stable ambient conditions, after warm-up of 5 minutes (only 30 seconds for ranges with 1° or 0.01 mV resolution). Linearization conformity to original source is within 0.2°F within primary thermocouple range, 0.2°C for type B, 0.4°C for type N, 1.1°C for NM.

Additional error caused by operation with charger or lamp on is less than 0.1°F after 15 minutes and 0.2°F after one hour. Such error is a positive shift of displayed value.

Table 3: DC Control Loop Ranges, Resolution, and Limit of Error, Measure Mode

21944

RANGE Switch Setting	Range	Resolution	Limit of Error	
			Standard Models ±10°C, 1 Year	SA Models ±5°C, 6 months
60 mA	(±)0-2.0030 mA	0.1 μ A	±(0.04% rdg + 0.001 mA)	±(0.04% rdg + 0.001 mA)
	(±)2-20.030 mA	1 μ A	±(0.04% rdg + 0.002 mA)	0.02% rdg + 0.002 mA
	(±)20-60.00 mA	10 μ A	±(0.04% rdg + 0.020 mA)	0.03% rdg + 0.02 mA
40 V	(±)40.000 V	0.001 V	±(0.03% rdg + 0.003 V)	0.02% rdg + 0.003 V

Note to Table 3: mA range has automatic range change at 2.0030 mA and 20.030 mA.

Table 4: DC Control Loop Ranges, Output Mode

Switch Setting TYPE	mA RANGE	Output Range	Quick-Set Outputs ² FIXED RANGE	Display		
				Range	Resolution	Limit of Error
mA	20	0-22	4, 8, 12, 16, 20	As in measure mode, Table 3		
mA	50	0-55	10, 20, 30, 40, 50	As in measure mode, Table 3		
V		0-11 ¹	2, 4, 6, 8, 10	0-2.003 ³ 2-11.000	0.0001 0.001	±(0.03%rdg + 0.0003) ±(0.03%rdg + 0.002)

Notes to Table 4:

- Volts output can be adjusted to a few millivolts below zero.
- FIXED RANGE settings have an accuracy of ±0.2 percent of setting.
- Volts range has automatic range change at 2.003 V.

Table 5: Frequency Ranges, Measure Mode

Switch Setting	Range ¹ (Hz)	Resolution	Limit of Error ² 25±10°C, 1 Year
40 kHz	8 to 400.00	0.01	20 ppm + 2 lsd
	400 to 4000.0	0.1	20 ppm + 2 lsd
	4000 to 40000	1	20 ppm + 2 lsd

Notes to Table 5:

- Automatic range changes at 400 and 4000 Hz.
- Limit of error applies to both standard and SA models.

Frequency Ranges, Output Mode

Range: 10 to 4000 Hz

Display resolution and limit of error: same as measure mode

Setting resolution: 0.04 Hz

Quick-set FIXED RANGE values: 800, 1600, 2400, 3200, 4000 Hz

07JUL 14 '93 10:54AM SQI OPERATIONS

VW & R DENVER

P.2 001



שטען, בלוק וועט ער זיין.

CERTIFICATE OF ANALYSIS AND NOTICE OF SHIPMENT

SHIP TO

DATE ISSUED
BY

DATE SHIPPED	PPG ORDER NO.	CUSTOMER ORDER NO.		CUSTOMER PRODUCT CODE
	FREIGHT	TOTAL WEIGHTS (Bulk Only, Billing Shown if Applicable)		
		GRADE	YARD	NET
ROUTE				BILLING

This is to certify that the products shipped below by PPG Industries, Inc. meet or exceed all analysis standards.

PRODUCT DESCRIPTION: MONOCHLOROBENZENE

LOT NUMBER: A263

X WT NCB 99.97

PPM H2O 36

APHA COLOR 10

Neil Jordan

10. 11. 1951

07-4-83 07:27 PPG INDUSTRIES
PPG INDUSTRIES
ID#418 392 9878



ALLCHEM INDUSTRIES INC.

4001 NEWBERRY ROAD • SUITE E-3 • GAINESVILLE, FLORIDA 32607 • U.S.A.

27-Jan-1993

John Williams
Morrison Knudsen Corp.
Rocky Mountain Arsenal
Commerce City, CO 80022
Phone: 303-286-9548
FAX: 303-286-7912

Dear John:

RE: PO# 1F3-8048-39-1244, 3 drums Carbon Tetrachloride, FOB Chicago.

Per your above PO, we have made arrangement with Yellow Freight to ship this material to Commerce City, CO. The shipment is expected to deliver Friday, 29-Jan. The PRO# is CGB-300-687813-6. Following this letter is a copy of the Certificate of Analysis.

Thank you for your order. Please call if you have any questions.

Sincerely,
AllChem Industries, Inc.

Ann Willisroft
ref #: M500564.003



ALLCHEM INDUSTRIES INC.

4001 NEWBERRY ROAD • SUITE E-3 • GAINESVILLE, FLORIDA 32607 • U.S.A.

CERTIFICATE OF ANALYSIS
14791

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MORRISON KNUDSEN CORP.
ROCKY MOUNTAIN ARSENAL
COMMERCE CITY, CO 80022

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MORRISON KNUDSEN CORP.
ROCKY MOUNTAIN ARSENAL
9TH & D ST., BLDG. 2-49
COMMERCE CITY, CO 80022

INVOICE DATE 26-JAN-93	OUR ORDER NO. 479-1	YOUR ORDER NO. 1F3-8048-39-1244	TERMS FOB CHICAGO IL																
DATE SHIPPED 26-JAN-93	SHIP VIA YELLOW FREIGHT																		
DESCRIPTION OF GOODS																			
2,100 LBS CARBON TETRACHLORIDE																			
PACKING: 3 X 700 LB NET DRUMS																			
<table> <tr> <td>Purity:</td> <td>99.9%</td> </tr> <tr> <td>Acid:</td> <td>P.T.</td> </tr> <tr> <td>Residue:</td> <td>8.0 ppm</td> </tr> <tr> <td>Corrosion:</td> <td>P.T.</td> </tr> <tr> <td>Readily Carbonisable Substances:</td> <td>P.T.</td> </tr> <tr> <td>Cloud Point:</td> <td>-17°C</td> </tr> <tr> <td>Carbon Disulphide:</td> <td>6.8 ppm</td> </tr> <tr> <td>Specific Gravity @ 25°C:</td> <td>1.5889</td> </tr> </table>				Purity:	99.9%	Acid:	P.T.	Residue:	8.0 ppm	Corrosion:	P.T.	Readily Carbonisable Substances:	P.T.	Cloud Point:	-17°C	Carbon Disulphide:	6.8 ppm	Specific Gravity @ 25°C:	1.5889
Purity:	99.9%																		
Acid:	P.T.																		
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Specific Gravity @ 25°C:	1.5889																		

AllChem Industries, Inc.

James A. Silbaugh



ALLCHEM INDUSTRIES INC.

4001 NEWBERRY ROAD • SUITE E-3 • GAINESVILLE, FLORIDA 32607 • U.S.A.

2-Feb-1993

John Williams
Morrison Knudsen Corp.
Rocky Mountain Arsenal
Commerce City, CO 80022
Phone: 303-286-9548
FAX: 303-286-7912

Dear John:

RE: Your POX 1F3-8048-39-1244

Please be advised that your recent shipment of three 700 lb. drums of Carbon Tetrachloride are from the same batch and lot numbers.

If further information is needed please call.

Sincerely,
AllChem Industries, Inc.

Cassie Godwin
ref #: M500564.006

FIRST MINI-BURN TEST RESULTS

TEST RUN	TARGET TEMPERATURE	ACTUAL TEMPERATURE	FIC-60 (gpm)	PARTICULATE ¹		L/G
				@12% CO ₂	@7% O ₂	
1	1900°F	1908°F	170	0.0094	0.0062	19.9
2	1850°F	1853°F	160	0.0104	0.0070	18.1
3	1800°F	1811°F	150	0.0125	0.0084	16.7
4	1775°F	1782°F	140	0.0132	0.0085	15.5
5	1750°F	1760°F	130	0.0134	0.0087	15.0
6	1825°F	1830°F	120	0.0183	0.0121	13.1

TEST RUN	TARGET QUENCH pH	TARGET SCRUBBER pH	ACTUAL QUENCH pH	ACTUAL SCRUBBER pH	HCL EMISSIONS ²		POHC HCl FEEDRATE (lb/hr)
					lb/hr	eff, %	
1	6	6	6	6.5	0.032	> 99.68	9.93
2	5.75	6	5.8	6.3	0.029	> 99.69	9.27
3	5.5	6	5.6	6.2	0.035	> 99.65	9.93
4	5.25	5.75	5.3	5.9	0.037	> 99.70	10.79
5	5	5.5	5.1	5.9	0.044	> 99.53	9.37
6	5	5.25	5.1	5.7	0.051	> 99.46	9.36

- Regulatory Limits:
 - <0.1 gr/dscf particulates corrected to 12% CO₂
 - <0.08 gr/dscf particulates corrected to 7% O₂
- HCl <4 lb/hr or >99% removal efficiency.

ATTACHMENT #2
DRE TEST RESULTS FROM MINI-BURN #1

RMA - SQI
Denver Colorado
Shakedown 3 (Mini-burn 1) Test Program
50% Basln F Feed
Table 1
DRE Test Results

TEST DATA		One	Two	Three	Four	Five	Six
Test Run No.		05-07-93	05-07-93	05-08-93	05-08-93	05-09-93	05-10-93
Test Date		0809-0927	1501-2020	1023-1151	1627-1757	1025-1201	0631-0758
Test Time							
Avg. stack gas volumetric flow, dscf/min		6600	6900	6700	7200	7000	7100
OPERATING PARAMETERS							
SQI Temp, °F		1900	1850	1800	1775	1750	1725
FIC-60, gpm		170	160	150	140	130	120
EMISSION RESULTS							
Carbon Tetrachloride lb/dscf		< 9.95E-11	5.25E-11	< 1.01E-10	< 9.77E-11	3.31E-11	< 9.39E-11
lb/hr		< 3.94E-05	2.17E-05	< 4.05E-05	< 4.22E-05	1.39E-05	< 4.00E-05
Chlorobenzene lb/dscf		2.62E-11	< 9.43E-11	< 1.01E-10	< 9.77E-11	< 9.65E-11	3.36E-11
lb/hr		1.04E-05	< 3.90E-05	< 4.05E-05	< 4.22E-05	< 4.05E-05	1.43E-05
DRE TEST RESULTS							
Carbon Tetrachloride Feed rate lb/hr		7.8	7.2	7.8	8.4	7.2	7.2
DRE %		> 99.99949	99.99970	> 99.99948	> 99.99950	99.99981	> 99.99944
Chlorobenzene Feed rate lb/hr		7.8	7.5	7.8	8.7	7.8	7.8
DRE %		> 99.99987	99.99948	> 99.99948	> 99.99951	99.99948	99.99982

Note: Volumetric flows and POHC feed rates are averages of measured values obtained during corresponding particulate/HCl tests.

Table 6
Summary of PICs Detected in VOST Analysis from Mini-Burn #1

Products of Incomplete Combustion (lbs/hr)	Risk Assessment Assumptions	Run #1 1900°F	Run #2 1850°F	Run #3 1800°F	Run #4 1775°F	Run #5 1750°F	Run #6 1825°F
Methylene Chloride	2.08 E-06	1.03 E-04	5.05 E-04	Not Detected	5.88 E-05	2.27 E-04	1.84 E-04
Chloromethane or Methyl Chloride	Not Identified	1.13 E-04	5.86 E-05	Not Detected	6.29 E-05	Not Detected	2.42 E-04
Chloroform	2.14 E-07	3.96 E-04	4.48 E-04	4.61 E-04	4.91 E-04	5.22 E-04	4.97 E-04
Dibromochloromethane	Not Identified	5.64 E-05	4.62 E-05	4.51 E-05	5.40 E-05	5.17 E-04	4.41 E-05
Benzene	1.09 E-07	3.89 E-03	1.98 E-03	1.90 E-04	8.81 E-05	1.03 E-04	4.77 E-04
Toulene	1.95 E-08	2.60 E-04	2.33 E-04	2.13 E-04	2.36 E-04	2.27 E-04	2.81 E-04
Ethylbenzene	6.79 E-08	3.25 E-05	4.31 E-05	Not Detected	Not Detected	Not Detected	1.25 E-05
Styrene	Not Identified	1.00 E-03	7.56 E-04	3.50 E-04	8.84 E-04	9.30 E-04	6.47 E-04
Xylenes (total)	2.17 E-07	4.12 E-05	3.35 E-05	Not Detected	Not Detected	Not Detected	2.99 E-05
Bromodichloromethane	Not Identified	1.23 E-04	1.37 E-04	1.36 E-04	1.67 E-04	1.60 E-04	1.44 E-04
Carbon Tetrachloride	1.24 E-07	3.94 E-05	2.17 E-05	4.05 E-05 U	4.22 E-05 U	1.39 E-05	4.00 E-05
Chlorobenzene	3.29 E-08	1.04 E-05	3.90 E-05 U	4.05 E-05 U	4.22 E-05 U	4.05 E-05 U	1.43 E-05
Carbon Disulfide	Not Identified	1.55 E-05	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected
1,1,1 Trichloroethane (TCA)	Not Identified	1.65 E-05	1.78 E-05	1.67 E-05	Not Detected	Not Detected	1.71 E-05
Bromoform	Not Identified	1.41 E-05	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected
Tetrachloromethane (PCE)	Not Identified	1.74 E-05	1.49 E-05	Not Detected	Not Detected	Not Detected	1.08 E-05
Vinyl Chloride	Not Identified	Not Detected	5.89 E-05	Not Detected	Not Detected	Not Detected	3.52 E-05

U = Detection Limit Value

* This table is a summary of the PICs detected not a summary all the PICs analyzed for. A complete listing of the PICs analyzed for and their results is provided as Attachment #3.

TABLE 7 Summary of 50% Basin F Waste Feed Analytical Results							
Parameter	Test Run #1 1,900°F	Test Run #2 1,850°F	Test Run #3 1,800°F	Test Run #4 1,775°F	Test Run #5 1,750°F	Test Run #6 1,825°F	Average
Total Organic Carbon	3.03 %	3.20%	3.43 %	2.94%	3.40%	3.70%	3.28%
Arsenic	3.59 ppm	3.81 ppm	3.81 ppm	3.71 ppm	3.83 ppm	4.52 ppm	3.88 ppm
Copper	2090 ppm	2279 ppm	2229 ppm	2115 ppm	2047 ppm	2464 ppm	2204 ppm
Iron	3.63 ppm	41.8 ppm	38.9 ppm	37.1 ppm	34.4 ppm	45.1 ppm	39.5 ppm
Specific Gravity	1.20 sgu	1.15 sgu	1.17 sgu	1.15 sgu	1.17 sgu	1.15 sgu	1.17 sgu
pH	6.26 pH	6.0 pH	6.0 pH	6.0 pH	6.5 pH	6.0 pH	6.1 pH
Ammonia	2.02%	2.13%	2.14%	2.06%	2.05%	2.23%	2.11%
Sulfates	4.23%	1.64%	1.98%	1.50%	1.49%	1.58%	2.07%
Phosphorous	6098 ppm	6798 ppm	7487 ppm	7049 ppm	6676 ppm	8024 ppm	7022 ppm
Potassium	558 ppm	572 ppm	575 ppm	545 ppm	546 ppm	603 ppm	566 ppm
Total Cyanides	0.61 ppm	ND	0.79 ppm	1.26 ppm	ND	0.39 ppm	0.76 ppm
Bromides	12.2 ppm	11.3 ppm	11.8 ppm	9.60 ppm	6.60 ppm	ND	10.3 ppm
Chlorides	Not Reported	12.5 ppm	13.0 ppm	13.5 ppm	13.2 ppm	12.5 ppm	12.9 ppm
Btu or Gross Heating Value ¹	891 Btu/lb	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	Not Analyzed	891 Btu/lb

¹ Reference Attachment #6: Btu Analysis Results for 50% Waste Feed During Mini-Burn #1

SECOND MINI-BURN TEST RESULTS

TEST RUN	ACTUAL TEMPERATURE	TARGET QUENCH pH	ACTUAL QUENCH pH	TARGET SCRUBBER pH	ACTUAL SCRUBBER pH
1	1876°F	5	5.09	5.25	5.34
2	1835°F	5	5.29	5.25	5.36
3	1879°F	5.25	5.26	5.5	5.33
4	1837°F	5.25	5.40	5.5	5.59

Waste Feed Limits During Mini-Burn Testing:

1. SOI Chamber Temp. > 1700°F
2. Quench pH > 4
3. Scrubber pH > 5

TABLE 1
RMA-SQI
DENVER COLORADO
SHAKEDOWN 4 (MINI-BURN II) TEST PROGRAM
SUMMARY OF TESTS CONDUCTED AND PARAMETERS MEASURED

Test Run Number	One	Two	Three	Four
Measured Parameters	Particulate/HCl ¹ , Volatiles, Metals	Particulate/HCl, Volatiles, Metals	Ammonia, Semi-volatile Organics, Pesticides, PCDD/PCDF, and Volatiles	Ammonia, Semi-volatile Organics, Pesticides, PCDD/PCDF, and Volatiles
POHC Addition	Yes	Yes	No	No

¹ Two particulate/HCl tests were conducted during each of the two tests.

RMA - SQI
Denver Colorado
Shakedown 4 (Mini-burn 2) Test Program
100% Basin F Feed
Table 2
DRE Test Results

TEST DATA	Test Run No.	One	Two
	Test Date	05-20-93	05-22-93
	Test Time	1008-1227	1637-1802
	Avg. stack gas volumetric flow, dscf/min	8100	7800
OPERATING PARAMETERS			
	SQI Temp, °F	1893	1835
	FIC-60, gpm	110	97
	L/G ratio (gal/1000 ft ³)	9.82	9.11
EMISSION RESULTS			
	Carbon Tetrachloride		
	lb/dscf	1.10E-10	9.59E-11
	lb/hr	5.34E-05	4.49E-05
	Chlorobenzene		
	lb/dscf	1.07E-10	1.59E-10
	lb/hr	5.20E-05	7.44E-05
DRE TEST RESULTS			
	Carbon Tetrachloride		
	Feed rate lb/hr	5.8	7.9
	DRE %	99.99908	99.99943
	Chlorobenzene		
	Feed rate lb/hr	8.0	8.8
	DRE %	99.99935	99.99916

RMA - SQI
DENVER, COLORADO
SHAKEDOWN 4 TEST PROGRAM
100% BASIN F FEED

TABLE 3
SUMMARY OF PARTICULATE AND HCL TEST DATA AND TEST RESULTS

TEST DATA:		
Test run number	1	2
Test location	INCINERATOR STACK	
Test date	05-20-93	05-20-93
Test time period	0959-1247	1311-1540
SAMPLING DATA:		
Sampling duration, min.	120.0	120.0
Nozzle diameter, in.	0.365	0.364
Cross sectional nozzle area, sq.ft.	0.000727	0.000723
Barometric pressure, in. Hg	24.67	24.67
Avg. orifice press. diff., in H2O	1.48	1.39
Avg. dry gas meter temp., deg F	73	80
Avg. abs. dry gas meter temp., deg. R	533	540
Total liquid collected by train, ml	2470.0	2386.0
Std. vol. of H2O vapor coll., cu.ft.	116.3	112.3
Dry gas meter calibration factor	1.0030	1.0030
Sample vol. at meter cond., dcf	83.570	82.312
Sample vol. at std. cond., dscf (1)	68.699	66.844
Percent of isokinetic sampling	93.9	94.5
GAS STREAM COMPOSITION DATA:		
CO2, % by volume, dry basis	9.6	9.6
O2, % by volume, dry basis	3.5	3.5
CO, % by volume, dry basis	0.0	0.0
N2, % by volume, dry basis	86.9	86.9
Molecular wt. of dry gas, lb/lb mole	29.68	29.68
H2O vapor in gas stream, prop. by vol.	0.629	0.627
Mole fraction of dry gas	0.371	0.373
Molecular wt. of wet gas, lb/lb mole	22.3	22.4
GAS STREAM VELOCITY AND VOLUMETRIC FLOW DATA:		
Static pressure, in. H2O	-0.36	-0.33
Static pressure, in. Hg	-0.026	-0.024
Absolute pressure, in. Hg	24.64	24.65
Avg. temperature, deg. F	183	182
Avg. absolute temperature, deg.R	643	642
Pitot tube coefficient	0.84	0.84
Total number of traverse points	12	12
Avg. gas stream velocity, ft/sec.	55.6	53.8
Stack/duct cross sectional area, sq.ft.	9.62	9.62
Avg. gas stream volumetric flow, wacf/min.	32100	31100
Avg. gas stream volumetric flow, dscf/min.	8100	7800
LABORATORY REPORT:		
Particulate		
Front half acetone rinse, g	0.0462	0.0032
Filter, g	0.0960	0.0873
Total catch, g	0.1422	0.0904
HCl		
Total mg HCl	4.02	6.08
PARTICULATE EMISSIONS:		
Concentration, gr/dscf	0.0319	0.0209
Concentration, gr/dscf @7% O2	0.0255	0.0167
Concentration, gr/dscf @12% CO2	0.0399	0.0261
Mass rate, lbs/hr	2.2090	1.4036
HCl EMISSIONS:		
Concentration, lbs/dscf	1.29E-07	2.00E-07
Concentration, ppm/v	1.3628	2.1189
Mass rate, lbs/hr	0.0624	0.0944
POHC Chloride Feed Rate, lb/hr (as HCL)(2)	8.13	8.13
HCL Removal Efficiency, %	> 99.23	> 98.84

(1) Standard conditions = 68 deg. F. (20 deg. C.) and 29.92 inches Hg (760mm Hg)

(2) Inlet chloride feed rate based on carbon tetrachloride and chlorobenzene(POHC) injection rates. This does not account for other chlorides present in Basin F liquid, therefore greater than values are reported for HCl removal efficiency.

**RMA - SQI
DENVER, COLORADO
SHAKEDOWN 4 TEST PROGRAM
100% BASIN F FEED**

**TABLE 4
SUMMARY OF PARTICULATE AND HCL TEST DATA AND TEST RESULTS**

TEST DATA:		
Test run number	3	4
Test location	INCINERATOR STACK	
Test date	05-22-93	05-23-93
Test time period	1545-1803	0753-1030
SAMPLING DATA:		
Sampling duration, min.(1)	102.0	120.0
Nozzle diameter, in.	0.365	0.364
Cross sectional nozzle area, sq.ft.	0.000727	0.000723
Barometric pressure, in. Hg	24.52	24.62
Avg. orifice press. diff., in H2O	1.42	1.21
Avg. dry gas meter temp., deg F	78	70
Avg. abs. dry gas meter temp., deg. R	538	530
Total liquid collected by train, ml	2053.0	2290.0
Std. vol. of H2O vapor coll., cu.ft.	96.6	107.8
Dry gas meter calibration factor	1.0030	1.0030
Sample vol. at meter cond., dcf	71.573	77.372
Sample vol. at std. cond., dscf (2)	57.914	63.859
Percent of isokinetic sampling	97.0	98.1
GAS STREAM COMPOSITION DATA:		
CO2, % by volume, dry basis	9.6	10.0
O2, % by volume, dry basis	4.0	3.3
CO, % by volume, dry basis	0.0	0.0
N2, % by volume, dry basis	86.4	86.7
Molecular wt. of dry gas, lb/lb mole	29.70	29.73
H2O vapor in gas stream, prop. by vol.	0.625	0.628
Mole fraction of dry gas	0.375	0.372
Molecular wt. of wet gas, lb/lb mole	22.4	22.4
GAS STREAM VELOCITY AND VOLUMETRIC FLOW DATA:		
Static pressure, in. H2O	-0.32	-0.32
Static pressure, in. Hg	-0.024	-0.024
Absolute pressure, in. Hg	24.50	24.60
Avg. temperature, deg. F	182	183
Avg. absolute temperature, deg.R	642	643
Pitot tube coefficient	0.84	0.84
Total number of traverse points	10	12
Avg. gas stream velocity, ft./sec.	53.2	49.8
Stack/duct cross sectional area, sq.ft.	9.62	9.62
Avg. gas stream volumetric flow, wacf/min.	30700	28800
Avg. gas stream volumetric flow, dscf/min.	7800	7200
LABORATORY REPORT:		
Particulate		
Front half acetone rinse, g	0.0168	0.0099
Filter, g	0.0754	0.0814
Total catch, g	0.0921	0.0913
HCl		
Total mg HCl	7.52	8.14
PARTICULATE EMISSIONS:		
Concentration, gr/dscf	0.0245	0.0221
Concentration, gr/dscf @7% O2	0.0202	0.0174
Concentration, gr/dscf @12% CO2	0.0307	0.0265
Mass rate, lbs/hr	1.6307	1.3653
HCl EMISSIONS:		
Concentration, lbs/dscf	2.86E-07	2.81E-07
Concentration, ppm/v	3.0260	2.9698
Mass rate, lbs/hr	0.1331	0.1218
POHC Chloride Feed Rate, lb/hr (as HCL)(3)	NA	9.92
HCL Removal Efficiency, %	NA	> 98.77

(1) Run 3 test duration shortened due to process problem.

(2) Standard conditions = 68 deg. F. (20 deg. C.) and 29.92 inches Hg (760mm Hg)

(3) Inlet chloride feed rate based on carbon tetrachloride and chlorobenzene(POHC) injection rates. This does not account for other chlorides present in Basin F liquid, therefore greater than values are reported for HCl removal efficiency. POHC was not being fed during a portion of test run 3 conducted on 5/22/93 therefore the removal efficiency was not determined.

**100% BASIN F WASTE
EMISSION RESULTS FROM MINI-BURN #2**

VOLATILE ORGANICS	ACTUAL EMISSION RATES (lb/hr) RUN #1	ACTUAL EMISSION RATES (lb/hr) RUN #2	ACTUAL EMISSION RATES (lb/hr) RUN #3	ACTUAL EMISSION RATES (lb/hr) RUN #4
Chloromethane	ND	1.27E-03	2.38E-04	3.24E-04
Bromomethane	ND	2.14E-04	9.55E-05	ND
Methylene Chloride ⁽¹⁾	5.26E-04	4.13E-04	7.45E-04	5.11E-04
Carbon Disulfide	ND	1.22E-04	ND	ND
Chloroform	7.54E-04	6.14E-04	7.27E-04	1.19E-03
Carbon Tetrachloride ⁽⁴⁾	5.34E-05	4.49E-05	4.78E-05	5.42E-05
Bromodichloromethane	3.10E-04	2.25E-04	2.88E-04	3.39E-04
Dibromochloromethane	1.75E-04	1.07E-04	8.27E-05	9.06E-05
Benzene	9.85E-04	6.03E-04	ND	ND
Toluene	3.16E-04	1.77E-04	2.04E-04	2.19E-04
Chlorobenzene ⁽⁴⁾	5.20E-05	7.44E-05	4.78E-05	5.42E-05
Styrene	5.97E-04	3.79E-04	5.16E-04	6.20E-04
Xylenes (total)	1.75E-04	1.07E-04	4.78E-05	5.42E-05
POHC Spiking	Yes	Yes	No	No

1 Commonly used laboratory solvent.

2 Not Applicable (not assumed to be a PIC in Risk Assessment)

3 Non-Detect

4 Quantified below the detection limit.

**100% BASIN F WASTE
EMISSION RESULTS FROM MINI-BURN #2**

	ACTUAL EMISSION RATES (lb/hr)
DIOXIN/FURANS	
U.S. EPA TEF	2.56E-10
PESTICIDES	
Methyl Parathion ⁽¹⁾	8.50E-06
SEMIVOLATILE ORGANICS	
Phenol	6.57E-05
Benzoic Acid	1.07E-03
Dimentylphthalate	3.09E-05
Diethylphthalate	9.29E-05
Butylbenzylphthalate	8.50E-05
bis(2-Ethylhexyl)- phthalate	1.51E-04
OTHERS	
Ammonia	4.51
Particulate	1.65
Hydrogen Chloride	0.103

1 Cancer toxicity data not available.

**100% BASIN F WASTE
EMISSION RESULTS FROM MINI-BURN #2**

METALS	ACTUAL EMISSION RATES (lb/hr)
Aluminum	2.84E-03
Antimony	ND
Arsenic	ND
Barium	5.61E-05
Beryllium	ND
Boron	7.34E-03 ⁽¹⁾
Cadmium	ND
Calcium	6.42E-03
Chromium	5.42E-05
Cobalt	ND
Copper	4.92E-02
Iron	9.90E-04
Lead*	7.39E-04
Lithium	ND
Manganese	6.85E-04
Mercury*	1.55E-03
Molybdenum	ND
Nickel	2.50E-04
Selenium	4.37E-04
Silver*	9.89E-05
Thallium	1.35E-03
Tin	1.70E-03
Titanium*	4.78E-05
Vanadium	8.07E-05
Zinc*	5.94E-03

- (1) Boron value for run #2 was not determined analytically.
 * Actual emissions exceeded Risk Assessment rates.